WESTAG TÜREN®

Für Raumdenker:innen

THE CATALOGUE

Cover image:
FENIX DOORS FX 0750 NTM Verde Comodoro

ARTISAN PHILOSOP MEETS IN PRODUCT

PHY
DUSTRIAL
TION

People who pitch in have been making the difference for us for over 120 years. It is their passion and innovative spirit that enables us to come up with such versatile solutions and provide such a wide range of products for rethinking spaces.

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We combine the best aspects of both an artisan philosophy and industrial production.

For us, modern production techniques, efficient processes and professional logistics are a matter of course – but so are passion, the spirit of innovation and a willingness to pitch in. Whether working with small batch sizes or creating custom assemblies – we always find a solution.

RETHINKI SPACES

With our versatile solutions and wide range of products, we give you the tools you need for rethinking space.

Materials shape rooms – and we expand the scope of what is possible in your design. From shuttering panels for perfect fair-faced concrete to solid surface material and laminates, our applications – worktops, window sills, doors and much more – are available in a huge range of combinations, all from a single source.

Doors for spatial philosophers

The door is an important aspect of spatial design, and its surface, colour and function all impact the room's look and feel. We produce the laminate for our HPL and CPL door collections ourselves and take the door to the next level with matt and metallic surfaces from FENIX and Homapal – all with the latest door technology and functions, of course. Our doors encourage you to rethink space, and we hope this catalogue will inspire you in this change of perspective.

NG

ABOUT WESTAG

Founded in 1901

Westag AG's roots date back to a small furniture factory founded by Joseph Ellendorff over 120 years ago. The business soon expanded to become a plywood factory, and doors, formwork panels, laminates and solid surface material were each gradually added to the portfolio as the years went by.

Two sites

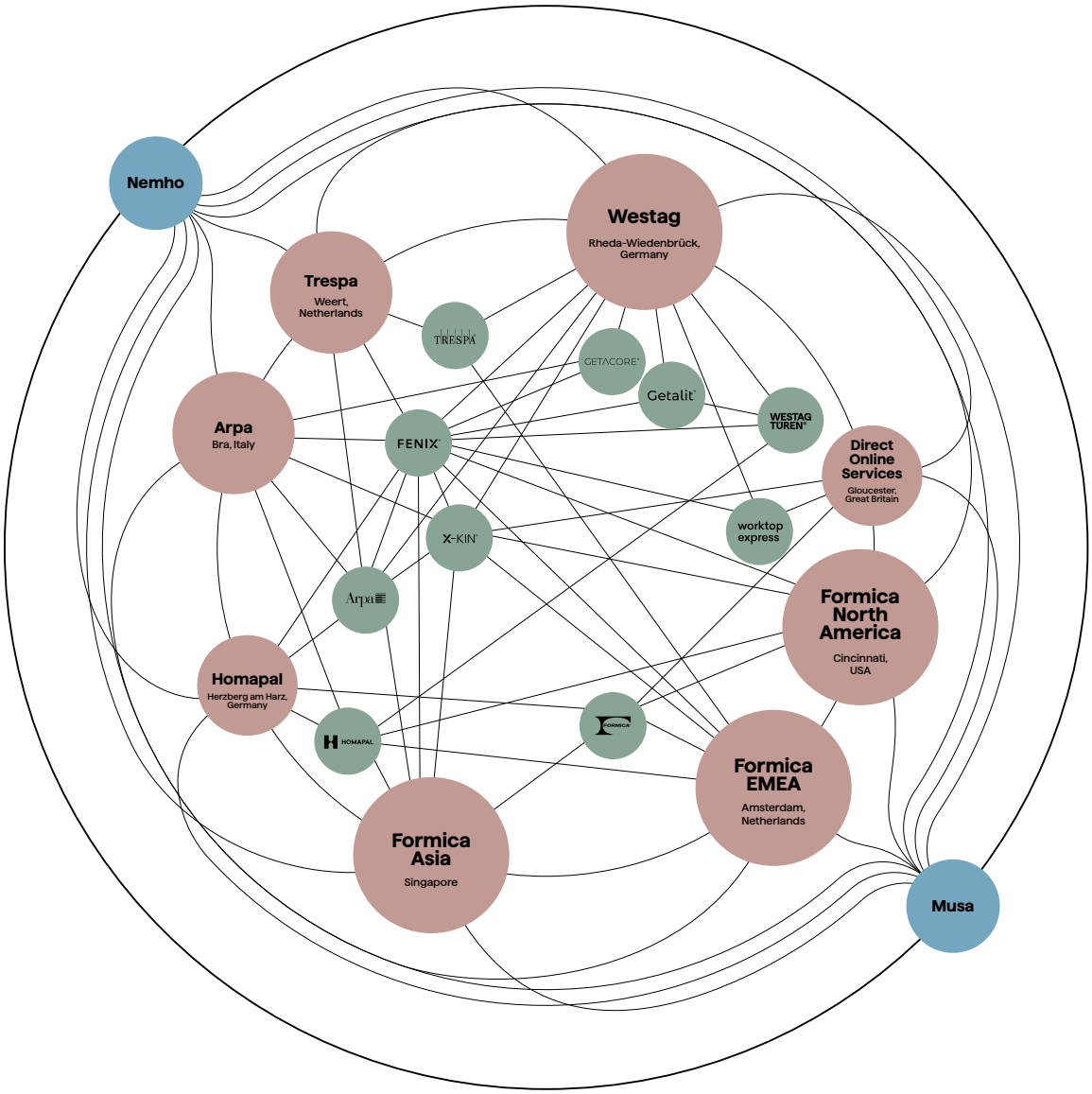
Since 1974, we have been making our high-quality products at two locations: Rheda-Wiedenbrück and Wadersloh. This cuts down on travel times and helps to protect the environment.

Over 1,000 employees

Today, more than 1,000 dedicated and creative staff – some of whom are the fourth generation in their family to work for us – put their heart and soul into the continuous evolution of our products every day. With currently more than 40 trainees, we also rely for our future on trained young staff from our own own ranks.

THE GROUP

We are part of the leading global group in surface materials. We are FENIX, Formica, Homapal, Arpa, Westag, Trespa and Direct Online Services. All active in material technology. Panels, doors, worktops: our products range from HPL to solid surface, and from decorative metals to FENIX. Our 6,000 employees work in 40 countries around the world and our products are marketed in many more.



ofmatter.com

SUSTAINABILITY

Anyone who thinks about spaces also needs to think beyond them. The wood used in our doors is cultivated in sustainable forests. We are continuously working to make our processes and workflows less resource-intensive and our products more sustainable – with testing and validation provided by our quality assurance lab, independent audits, tight controls and certifications.

- **Made in Germany:**
  Distances to our customers are short. For us, complying with – and exceeding – European environmental standards is a matter of course.
- **Sustainable raw materials:**
  We procure the vast majority of our wood – our most important raw material – from certified sustainable forests.
- **Environmentally friendly production processes:**
  We optimise our technology in many ways to reduce our impact on the environment. One example of this is the spraying robot on our door production line, which exclusively us water-soluble lacquers.
- **Energy generation and emissions:**
  We recycle our wooden waste using our in-house cogeneration plant. Our flue gas dedusting system ensures that we comply with all the legal guidelines, often landing well below the threshold.
- **Tight controls:**
  Our in-house QA lab and independent audits ensure safety.
- **Sustainable products:**
  We produce high-quality, durable products that last for years, thus helping to save resources.
- **Transparency:**
  We conduct analyses of our material lifecycles in order to ensure transparency and identify areas for improvement.

CERTIFICATES AND ENVIRONMENTAL SEALS OF QUALITY

ift ZERTIFIZIERT
Managementsysteme
DIN EN ISO 9001 – Qualität
DIN EN ISO 50001 – Energie
Reg.-Nr.: 96-005, 13-006

BLAUER ENGEL – DAS UMWELTZEICHEN
www.blauer-engel.de/uz176
- emissions- und schadstoffarm
- Holz aus nachhaltiger Forstwirtschaft
- in der Wohnumwelt gesundheitlich unbedenklich

RAL GÜTEZEICHEN Innentüren

PEFC™

To find out more about sustainability at Westag and download our policy paper, “Materializing Sustainability”, scan this code:

SURFA

For
all the latest info, visit:
westag.de

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HOMAPAL

OPENING THE DOOR TO EMOTION

Metals have always held a great fascination because they behave so differently to other materials: they arouse our interest and change their appearance depending on the licidence of light and time of day.

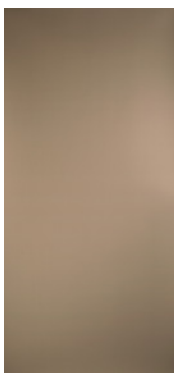
Homapal has developed SRM – Scratch Resistant Matt: a highly scratch resistant matt surface with anti-finger-print properties. For the first time, this extraordinary surface is now also available for interior and functional doors.

Information on surface properties: p. 80

HOMAPAL COLLECTION

454 SRM
Alu Brushed
Rosegold

447 SRM
Alu Brushed
Coppertone



451 SRM
Alu Brushed
Bronzetone

- **An elegant, matt metal finish with anti-fingerprint characteristics**
- **Resistant to scratches thanks to SRM (Scratch Resistant Matt) technology**
- **Versatile and fascinating – special manufacturing process for extraordinary depth effect**
- **100% exclusive: Westag is the only manufacturer that offers doors with metal surfaces from Homapal for any function, from wet rooms to Fire prevention**

Homapal 451 SRM Alu Brushed Bronzetone

FENIX® DOORS

A WAR
WELC

Coming home, discovering new things, seeing old acquaintances again – doors open up more than just rooms. With the innovative materials from FENIX®, they themselves become an experience: an extremely matt look and soft touch invite you to experience doors with all your senses.

FENIX DOORS FX 0752 NTM Grigio Antrim

NTM
HOME

FENIX NTM®

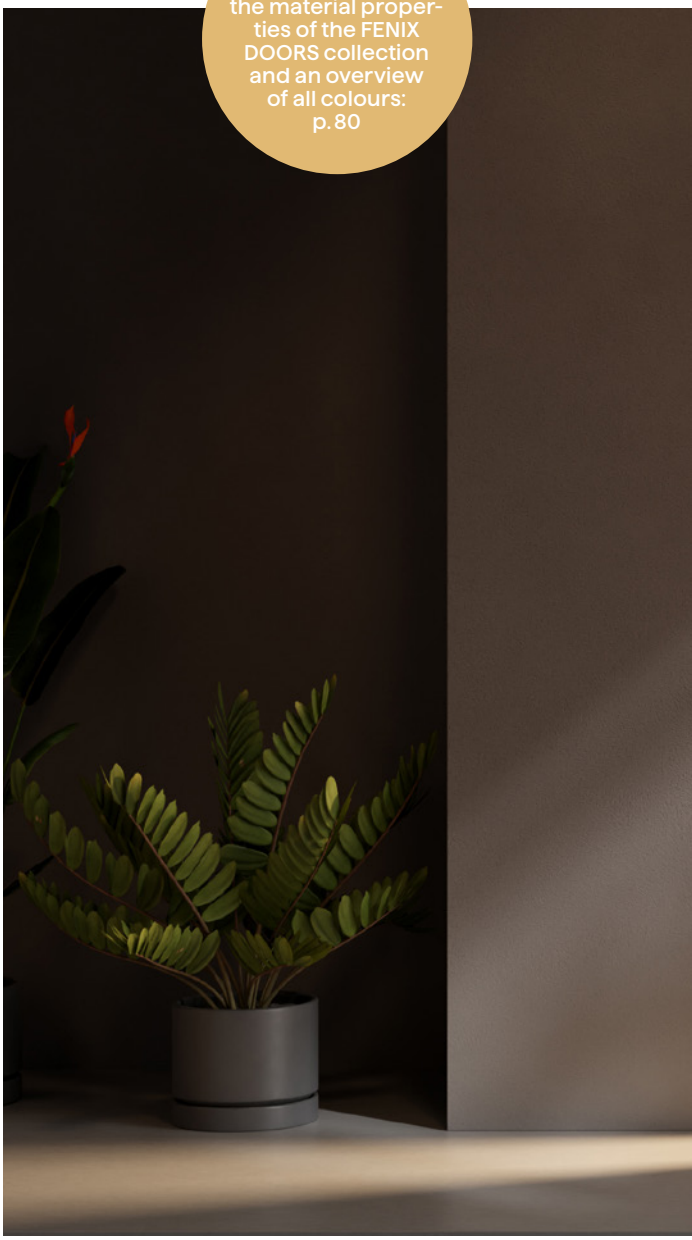
Pleasant to touch and durable: As an extremely matt surface, FENIX NTM® gives doors an elegant and valuable appearance. Surface, edge and frame in the same colour make doors look as if they have been cast from a single mould. Especially as functional doors, they prove that robustness and elegance do not have to be a contradiction in terms.

Detailed information on the material properties of the FENIX DOORS collection and an overview of all colours: p. 80

WITH ProEdge
FOR OUTSTANDING DURABILITY

ProEdge provides a colour-matched, impact resistant edge, available for all FENIX NTM® colours in the FENIX® DOORS collection. More info on ProEdge: p. 102

FENIX DOORS FX 0718 NTM Grigio Londra, ProEdge NCS S 5502-Y (FX 0718)



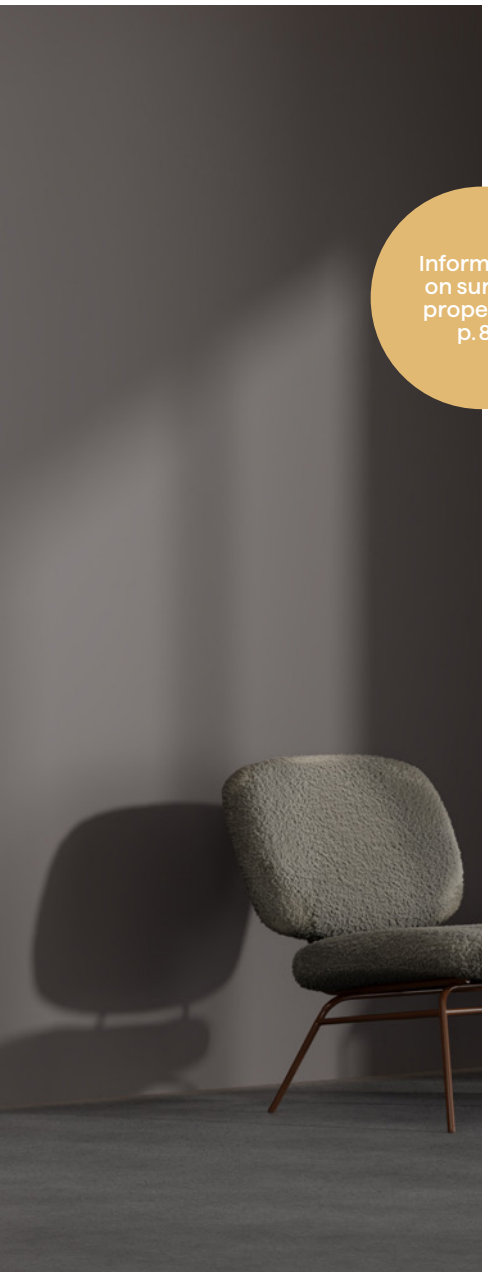
FENIX DOORS FX 0751 NTM Rosso Jaipur

- **FENIX NTM combines an extremely matt finish with anti-fingerprint characteristics**
- **Micro-scratches on the surface can be mended using thermal treatment**
- **Identical decor on surface, edge and frame for a perfectly matched door set**
- **Well-cleanable due to extremly closed acrylic surface**

FENIX DOORS FX 5003 NTA Oro Cortez

FENIX NTA®

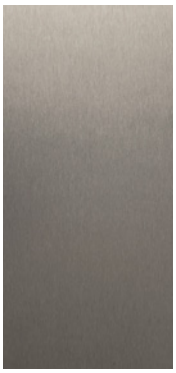
Matt, elegant and yet robust: the empowered metal surface impresses with FENIX® properties also on doors. With a colour – matching frame, the door becomes a design object–with sophisticated functions if desired.



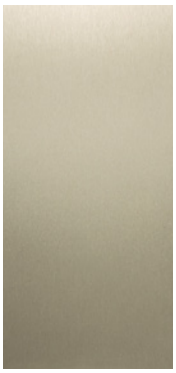
Information on surface properties: p. 80

FENIX NTA COLLECTION

FX 5001 NTA
Argento Dukat



FX 5000 NTA
Acciaio
Hamilton



FX 5003 NTA
Oro Cortez

At a glance

- **An empowered metal surface**
- **Suitable for everyday use thanks to anti-fingerprint properties and micro-scratch repair capability**
- **Door frames with same colour to match your door**
- **Well-cleanable due to extremly closed acrylic surface**

Getalit®

DURABLE & VERSATILE

TREND
OAK UND WALNUT

Ei 443 Rb
Sala Oak

A 612 Pma
Oxide Red

EiC 793 Si
Artis Oak Cross

NU 717 Rb
Walnut Trentino

A 512 Pma
Pine Green

Decor samples show zoomed-out views.

Getalit NU 717 Rb Walnut Trentino

Overview of all Getalit decors and information on surface properties: p. 82

At a glance

- **68 plain decors to aid with designer concepts and provide guidance**
- **24 wood decors to make even public spaces feel homelike**
- **Various decors also available as FENIX NTM®**
- **Thanks to our in-house HPL production, all decors can be used in other interior design elements to ensure they match**
- **Blue Angel certification**

Our plain and wood door decors bring rooms to life and maintain their vibrancy even after continued and intensive use. Getalit is lightfast and resistant to abrasion, impact resistant and common household chemicals.

Its combination of functionality and design makes HPL the perfect door surface for a wide range of applications, from offices to spas, classrooms and hospital wards.

Portalit®

THE ALLROUNDER

Whether combined with plain or wood decors, our durable CPL door surfaces can maintain a reserved air while still adding a personal note to your room concept. They can also be combined with glass openings or strip inserts for even more individuality. And for situations that require even greater durability, all our Portalit decors are also available as HPL in our Getalit collection. Couldn't be easier, right?

Portalit Ei 342 Rb Oak Eleganzia

- **Straightforward versatile surface that lends (living) spaces a personal note**
- **Expertise from a single source – Westag is the only door manufacturer that produces its own HPL and CPL**
- **Cost-optimise your project planning: All Portalit decors are also available in Getalit for more demanding applications**
- **One-piece design: patented 3-sided round edge made of the surface**
- **Blue Angel certification**

HIGHLIGHTS OF OUR PORTALIT COLLECTION

NU 324 Rb
Walnut Embla

Ei 342 Rb
Oak Eleganzia

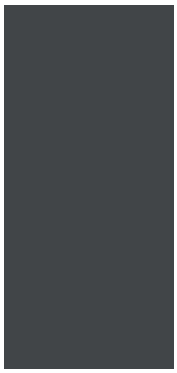
Ei 793 Si
Artis Oak

EiC 793 Si
Artis Oak Cross

NU 717 Rb
Walnut Trentino

Ei 443 Rb
Sala Oak

BN 434 Pe
Semento



A 416 Pe
Titanium Grey

Overview of all Portalit decors and information on surface properties: p. 86

Decor samples show zoomed-out views.

Westalack®

FROM SMART TO PREMIUM

Not all lacquered doors are made equal: In Westalack Premium, Westalack Soft and Westalack Smart, we offer a selection of finishes so you can make the right choice to match your durability, aesthetic and budgetary requirements.

Provence Type 4002 in Westalack Premium Arctic White (similar to RAL 9016)

Overview of all finishes and information on surface properties of Westalack Premium, Westalack Soft and Westalack Smart: p. 90

Velvet Line Type 7505 and smooth door in Westalack Soft Sira White (similar to RAL 9003)

WESTALACK PREMIUM
High-quality, sevenfold lacquering using only water-based, solvent-free UV acrylic lacquers creates semi-matt, gleaming surfaces to meet even the most exacting of requirements. Perfect for combining with chalet-style designer series such as Provence and Bretagne, as well as purist variants like Lineo and Westaline.

WESTALACK SOFT
The name says it all: a finish with a silken-soft feel and matt look. When combined with subtle, easy-to-clean embossing as it is in our Piemont and Velvet line designer series, this finish is sure to leave a lasting impression. Smooth doors also available in Sira White.

WESTALACK SMART
The smart solution for doors with no embossing or profiles can be combined with standard Westalack Premium shades of white.

At a glance

- **Lacquered doors for individual design and quality requirements: from Westalack Smart to Soft and Premium**
- **Embossed, milled or with profiles – lacquered doors make your interior design style shine**
- **Westalack Premium 7-coat lacquering: exclusively with water-based, solvent-free UV acrylic lacquers**
- **Westalack Premium and Smart can be combined with CPL and HPL doors in matching colours for applications that require even higher resistance**

DESIGN

For
all the latest info, visit:
westag.de

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VIEW

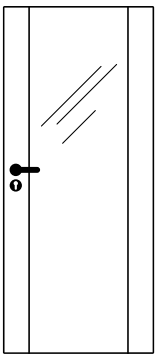
DOORS WITH STRIP APERTURES

Light and transparency lend rooms a friendly, lively face. Our portfolio of designer doors ranges from slender strip apertures to dominating glass surfaces, from ground glass to a wide range of sand-blasted motifs: clear or vibrant, vertical or horizontal. Doors with strip apertures bring a ray of light into any room.

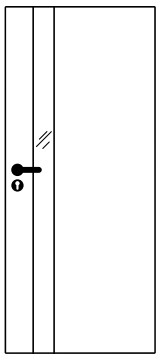
At a glance

- **Strip apertures provide transparency and a clean design**
- **All glazings made of safety glass**
- **Large selection of surfaces and decors**
- **Sandblasted glazing motifs add interesting accents**

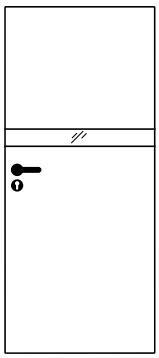
TYPES



Type 2100



Type 2202



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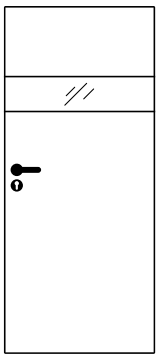

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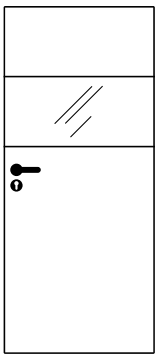
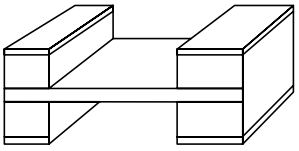


Type 2209

View Type 2204 in Portalit A 416 Pe Titanium Grey, Satinato glazing

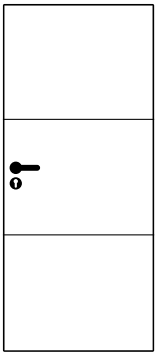
STRUCTURE



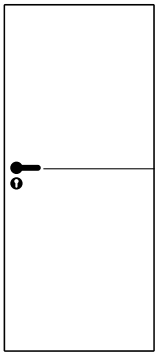
Scope of delivery: p. 92;
glazing: p. 96

Westaline Type 2505 in Westalack Premium Arctic White (similar to RAL 9016)

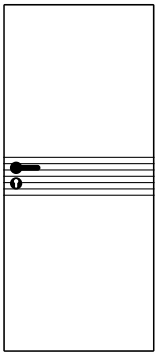
TYPES



Type 2510



Type 2513



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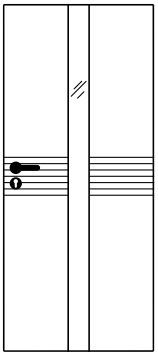

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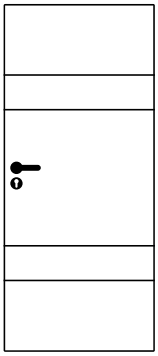
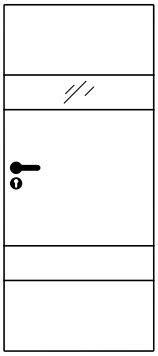


Type 2504



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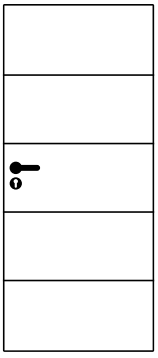

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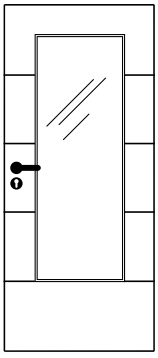
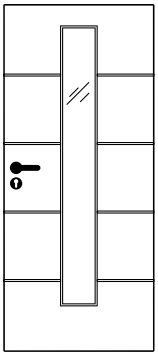


Type 2505-LA-DIN



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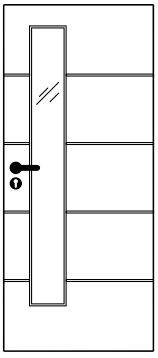

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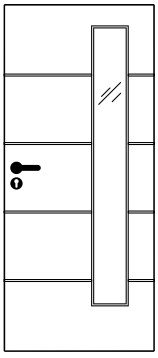

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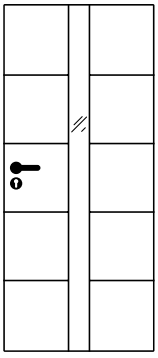


Type 2505-LB

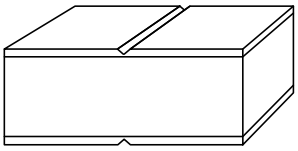
DOORS WITH GROOVING

Matching interior design doesn't stop at the door. Striking V-shaped grooves create clear lines – horizontal, vertical or a combination of the two. Recessed strip apertures and surface-mounted glass openings can turn your door into a real highlight, while doors with grooving lend the room indisputable character.

At a glance

- **Clear layout of the line, thanks to V-shaped grooves**
- **Combinable with strip apertures and glass openings**
- **High-quality sevenfold lacquering Westalack Premium**
- **As doors with soundproofing and burglary prevention also for apartement entrance doors and e.g. for hotel rooms**

STRUCTURE



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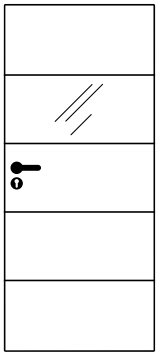
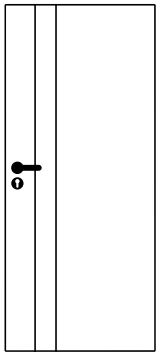
glazing: p. 96



Type 2505-LB-Q



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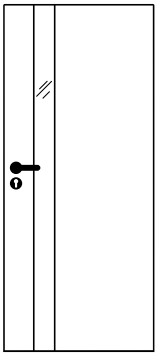
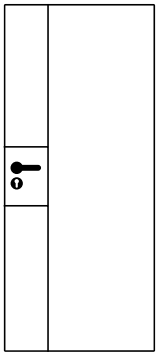
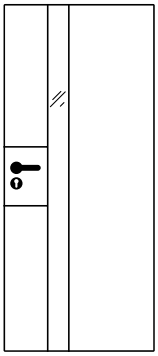


Type 2502-LB



Type 2508



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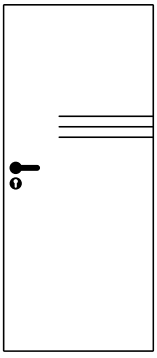

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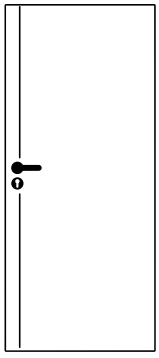
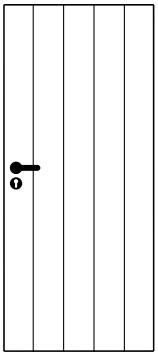


Type 2515



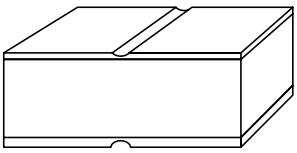
Type 2517

VELVET LINE

DOORS WITH EMBOSSED GROOVES

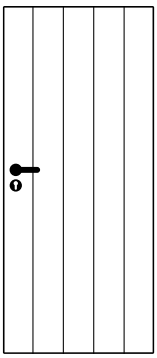
The subtle groove add texture to the door without hogging the spotlight, making the Velvet Line the perfect option for purists who still want a little more. The restrained 3D embossing and the Westalack Soft finish with silk-soft feel and matt look offer an upgrade to a smooth door.

STRUCTURE

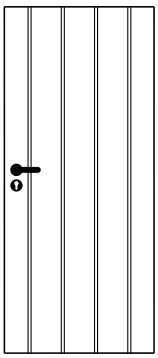


Scope of delivery: p. 92

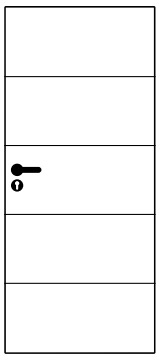
TYPES



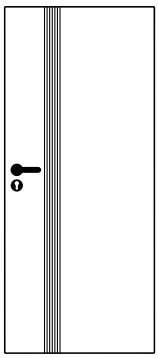
Type 7504



Type 7504-D



Type 7505



Type 7507

- **Easy to clean, thanks to subtle embossing with a fully sealed surface**
- **Vertical lines in keeping with latest living trends**
- **Individual interior design: available in white, grey tones and black**

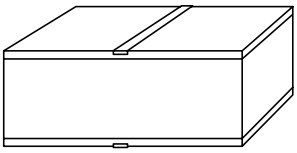
Velvet Line Type 7504 in Westalack Soft Sira White (similar to RAL 9003)

LINEO

DOORS WITH STRIP INSERTS

Purist, elegant, individual – the Lineo designs with slender strip inserts, available in black, stainless steel look and chrome look. Whatever surface you choose, you can always find the right combination. For a special aesthetic you can both see and feel.

STRUCTURE



Scope of delivery: p. 92;
glazing: p. 96

STRIP INSERTS

Stainless steel look

Chrome look

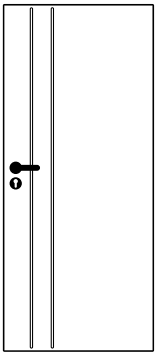
Black

At a glance

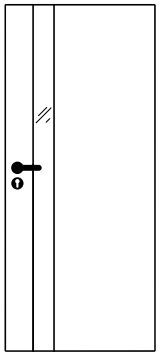
- **Strip inserts upon request in black, stainless steel look and chrome look**
- **Black strip inserts in keeping with black hardware trend**
- **High-quality look: strip inserts are almost flush with the surface**
- **Large selection of surfaces and decors**
- **As doors with soundproofing and burglary prevention also for apartement entrance doors and e.g. for hotel rooms**

Lineo Type 3705 in Portalit EiC 793 Si Artis Oak Cross with black strip inserts

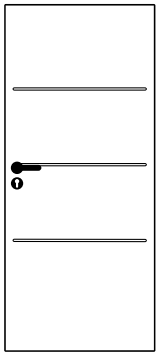
TYPES



Type 3702



Type 3702-LB



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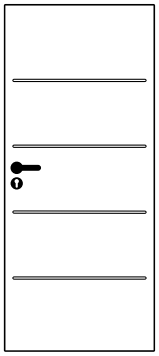

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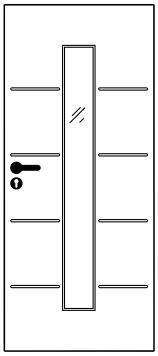
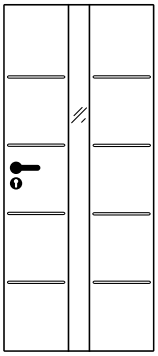
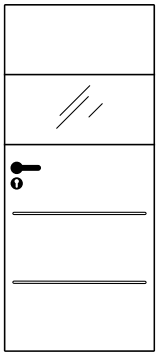


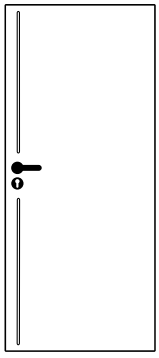
Type 3705-LA-1



Type 3705-LB



Type 3705-LB-Q



Type 3715

Provence Type 4002 in Westalack Premium Arctic White (similar to RAL 9016)

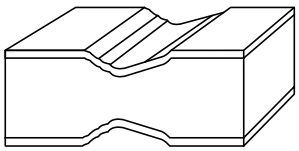
With their deep profiles, the doors are the perfect fit for both Art Nouveau or modern buildings, providing either a continuation of design traditions or a contrast to purist interior concepts. Their semi-matt, sevenfold lacquering lends them an extra touch of class and an incredibly pleasant feel.

PROVENCE

DOORS WITH DEEP-DRAWN PROFILING

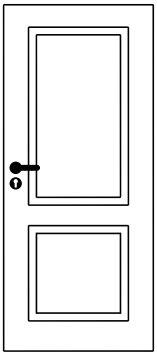
- **Large selection of door types and design options**
- **Deep, multifaceted profiling**
- **Perfect combination with the profiled door frame P1**
- **High-quality sevenfold lacquering Westalack Premium**
- **As doors with soundproofing and burglary prevention also for apartement entrance doors and e.g. for hotel rooms**

STRUCTURE

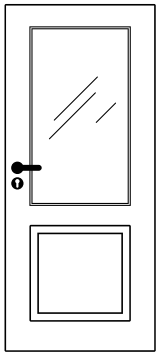


Scope of delivery: p. 92;
glazing: p. 96

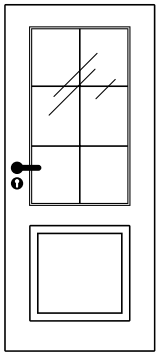
TYPES



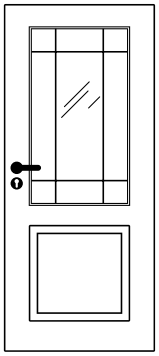
Type 4002



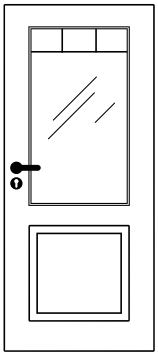
Type 4002-LA



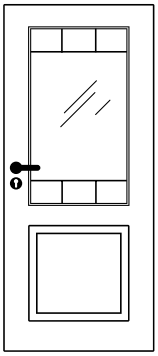
Type 4002-LA
Muntin 3



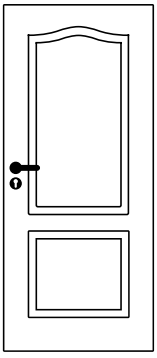
Type 4002-LA
Muntin 4



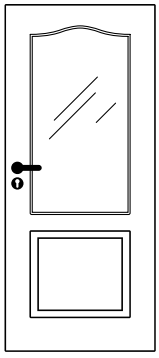
Type 4002-LA
Muntin 10



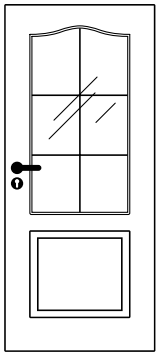
Type 4002-LA
Muntin 11



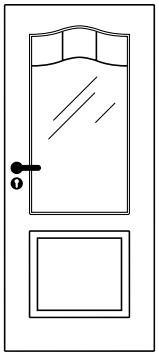
Type 4002-B



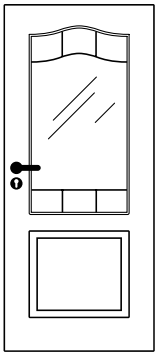
Type 4002-B-LA



Type 4002-B-LA
Muntin 5



Type 4002-B-LA
Muntin 8



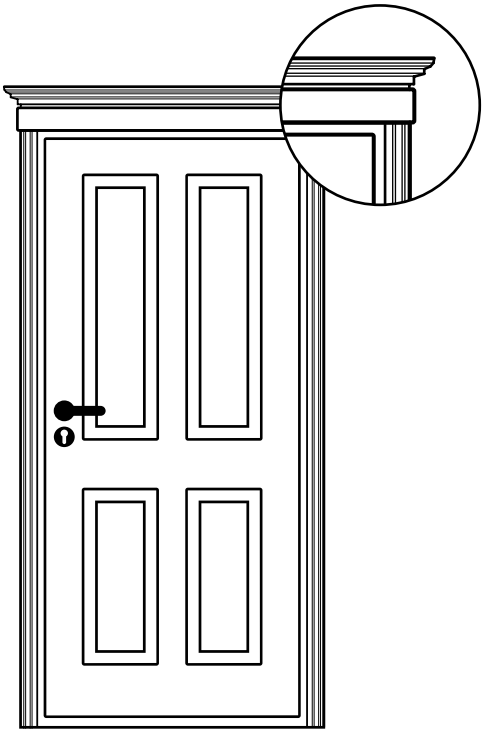
Type 4002-B-LA
Muntin 9

PROVENCE VERSIONS WITH CASSETTES, FRAME APPLICATIONS, ARCHES

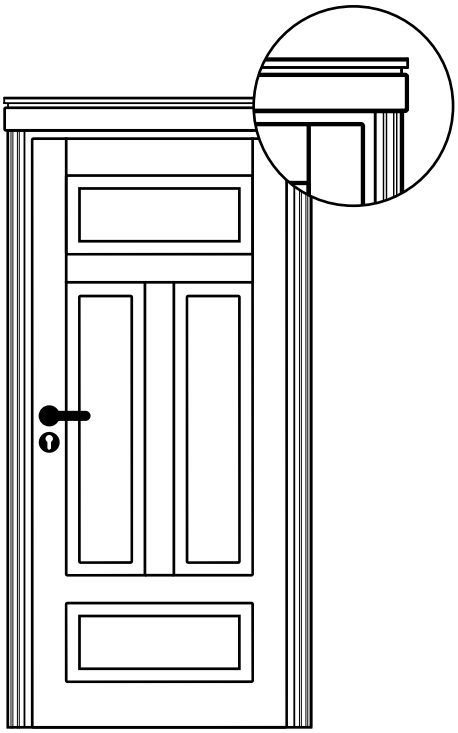
Slender cassettes or large glass areas with muntins? How about sand-blasted glazing with ornaments? Perhaps you'd like arches with that? With their wide range of design options, Provence doors are the perfect choice for that individual touch. Frame applications and our profiled P1 wooden frame can really bring out that elegant, chalet-style.

Provence Type 4004, double-leaf, in Westalack Premium Arctic White (similar to RAL 9016)

DOOR FRAME APPLICATIONS

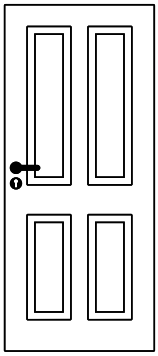


Frame application type
Classic goes well with
Type 4004

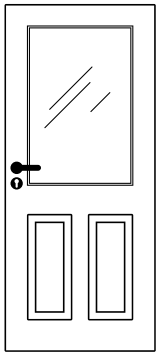


Frame application type
country house goes well
with Type 4004-Q

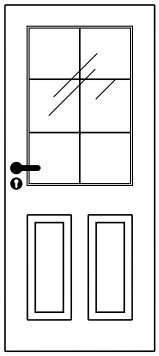
TYPES



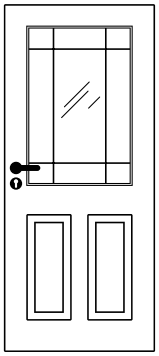
Type 4004



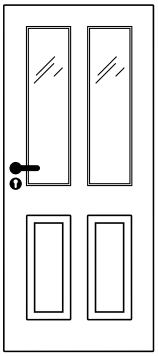
Type 4004-LA



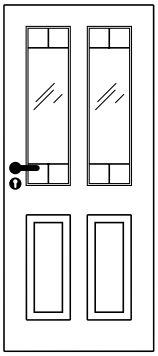
Type 4004-LA
Muntin 6



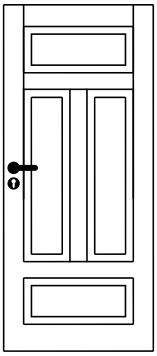
Type 4004-LA
Muntin 7



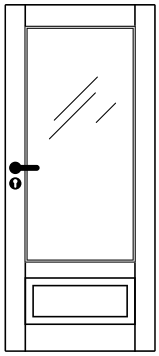
Type 4004-2LA



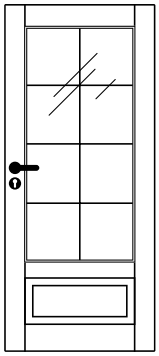
Type 4004-2LA
Muntin 12



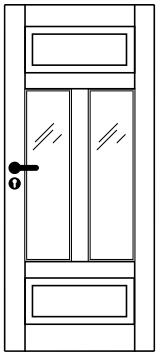
Type 4004-Q



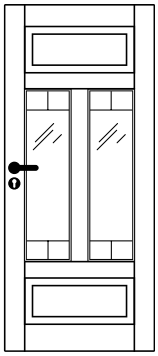
Type 4004-Q-LA



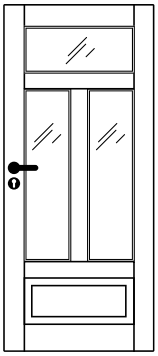
Type 4004-Q-LA
Muntin 14



Type 4004-Q-2LA



Type 4004-Q-2LA
Muntin 13



Type 4004-Q-3LA

Bretagne Type 3004 in Westalack Premium Arctic White (similar to RAL 9016)

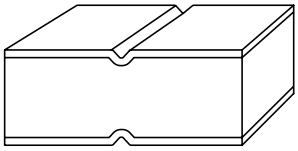
At a glance

- **Linear and minimalistic, yet striking**
- **Large glass opening for high transparency**
- **High-quality sevenfold lacquering Westalack Premium**

DOORS WITH MOULDED PROFILING

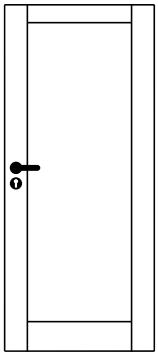
An unfussy chalet style adds a measured dash of warmth to rooms with a clear design. A minimalist look with one profile, a more lively one with four profiles, or a large glass opening to brighten up the room – the diversity and flair of the Bretagne series provide plenty of creative freedom.

STRUCTURE

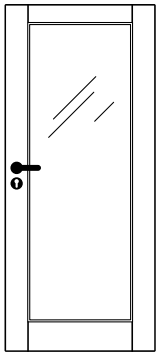


Scope of delivery: p. 92;
glazing: p. 96

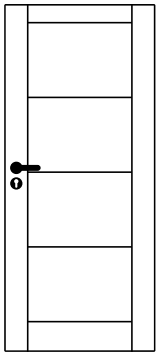
TYPES



Type 3001



Type 3001-LA
Type 3004-LA



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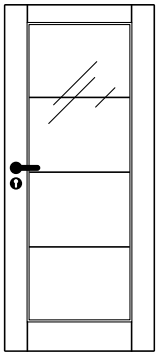
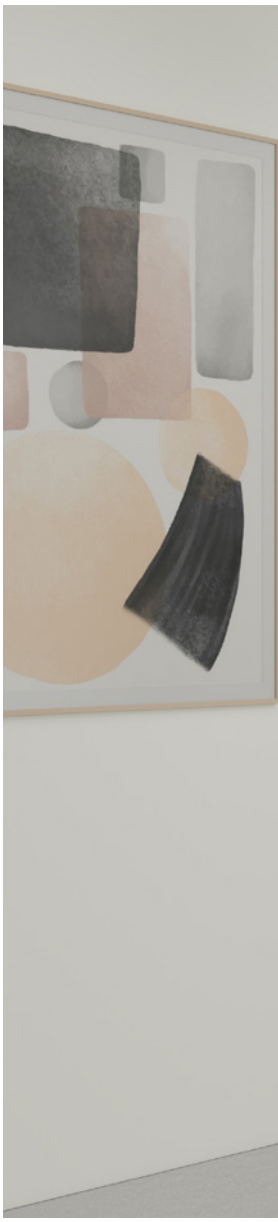


Type 3004-LA
Muntin 20

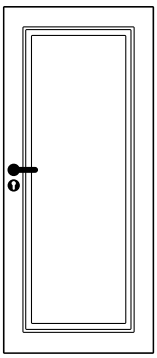
PIEMONT

DOORS WITH GROOVING

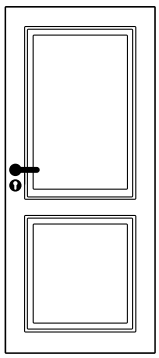


A chalet feel – but with a modern style. The Piemont design series adds a sleek, contemporary twist to tradition with 3D embossing. And with its silk-soft feel and matt look, the Westalack Soft surface pulls that cosy, chalet vibe right into the modern day.

TYPES



Type 7101



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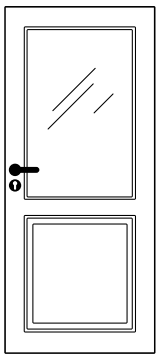
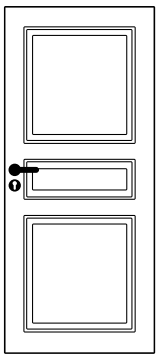


Type 7102-LA
Type 7103-LA



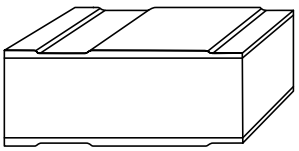
Type 7103

Piemont Type 7101 in Westalack Soft Sira White (similar to RAL 9003)

At a glance

- **Easy to clean, thanks to subtle embossing with a fully sealed surface**
- **Country house style in a modern format**
- **Individual interior design: Westalack Soft surface available in white, grey tones and black**

STRUCTURE



Scope of delivery: p. 92;
glazing: p. 96

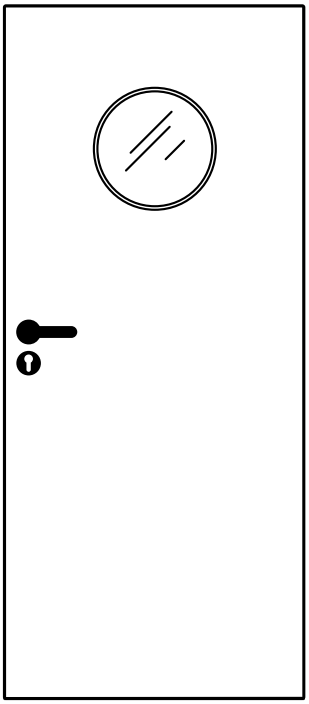
Glass opening door Type LA-1 in Portalit A 446 Pma Putty, transparent glazing

DOORS WITH GLASS OPENINGS

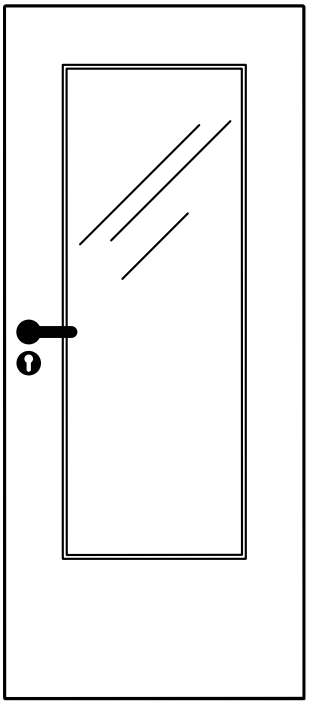
Glass openings turn doors into sources of light. Round or angular, slender or broad, maybe even with several glass sections in one door? Whatever your living style or property sector, you're sure to find a variant to suit your individual needs. The glass is held in place by colour-matched glass beads.

At a glance

- **Large selection of glazing also available as safety glazing**
- **Mostly with easy-to-install plastic glazing bead**
- **Colour-matched glazing beads for over 100 decors and lacquers**



Type LA-KR 350[1]

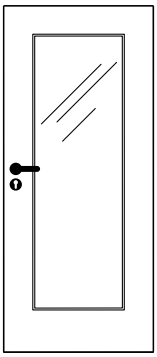


Type LA-DIN

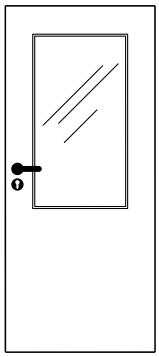
[1] Glass beads available in stainless steel look, white or grey

Scope of delivery: p. 92; glazing: p. 96

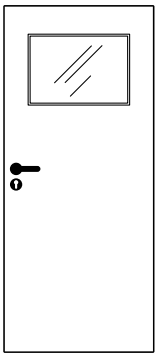
TYPES



Type LA-1000



Type LA-100



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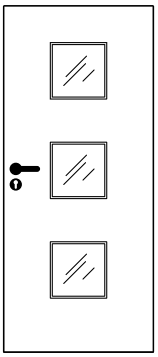

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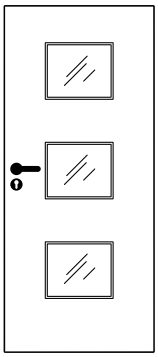
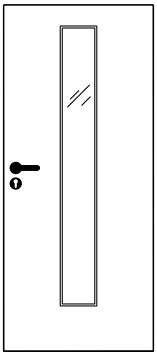
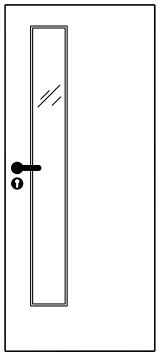


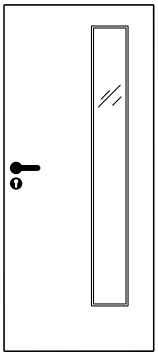
Type LA-3Q[2]



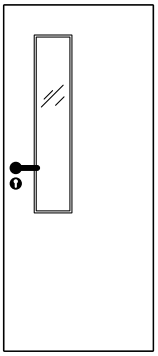
Type LA-1



Type LA-1D



Type LA-1B



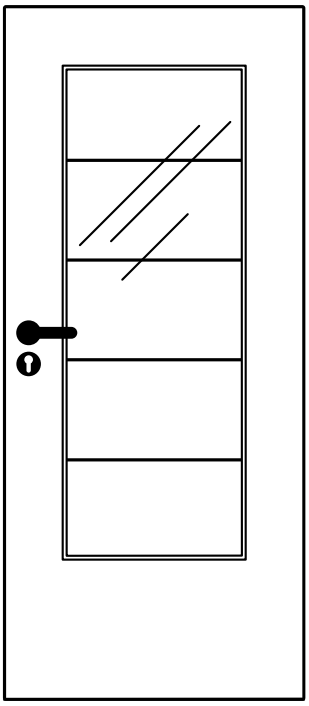
Type LA-18-21,5

[2] Limited choice of decor for glass beads; we recommend stainless steel look.

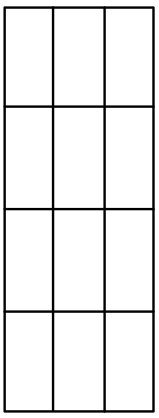
DOORS WITH MUNTINS

Combining glass openings with muntins is a great way to add accents of light to a room. Choose from large or small glass openings and a range of glazing options and decor. Small cut-outs are delivered with a fascinating touch design – a combination of transparent and Satinato glass.

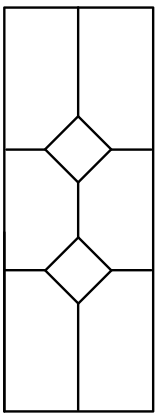
TYPES



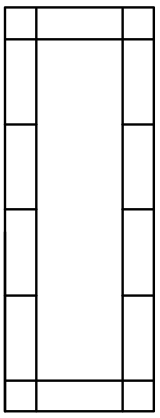
Type LA-DIN
Muntin 5



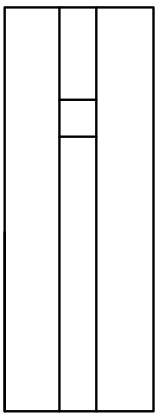
Muntin 1



Muntin 2

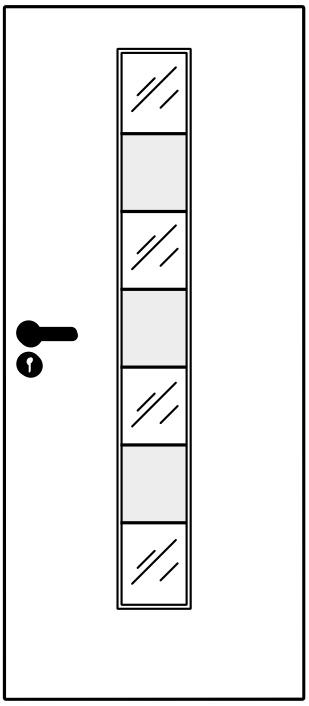


Muntin 3

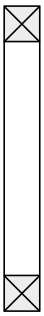


Muntin 4

Glass opening door Type LA-DIN with muntin 5 in Portalit A 222 Pma Arctic White, grey glazing



Type LA-1
Muntin 1.1



Muntin 1.2

Muntin 1.3

At a glance

- **Large selection of glazing options; safety glass also available**
- **Selection of decor-matched muntins**

Scope of delivery: p. 92; glazing: p. 96

Sliding door in front of the wall, in Portalit Ei 767 in Oak Adria

SLIDING DOORS

IN FRONT OF THE WALL

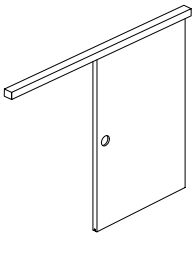
Sliding doors are spatial sorcerers – with just a small movement of the hand, they can increase the size of a living area and create space to move around in. And as if that weren't enough, they also fit in small spaces, niches and narrow passageways. Sliding doors that run in front of walls are easy to install, even after the original construction. They are available with or without frames, with optional locking mechanisms, and their look can even be tailored to match your other doors.

At a glance

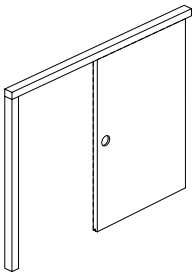
- **Can be mounted directly upon the wall or with a frame**
- **Easy to install post-construction**
- **Lockable with an end post**
- **Also suitable for contract properties – can carry doors up to 80 kg in weight**
- **Available in wide range of decors and Westalack**

Scope of delivery: p. 92

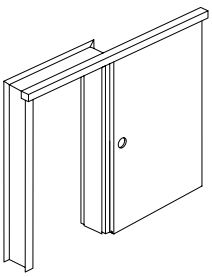
CONSTRUCTION VARIANTS



The basic version: the sliding door element is fitted directly upon the wall. A high-quality guiderail ensures that the door slides quietly and smoothly. The discreet cover angle in a matching decor covers the guide rail completely. It doesn't get any simpler than this.

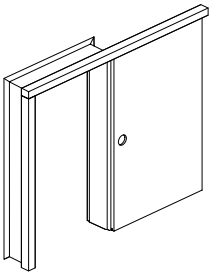


The basic version (left) is extended using an end post. This construction allows the sliding door to be locked.

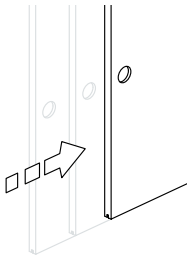


For anyone wishing to hide the open wall reveal, a sliding door construction including door frame is the right choice.

Our recommendation
Can also be retrofitted using existing Westag door frames.



The sliding door construction with door frame (left) is extended using an end post that allows the sliding door to be locked. No further equipment is required.



Our recommendation
All sliding door elements can be fitted with an optional damping function for opening and closing.

Shell handle

Warded lock (BB)

Lock PC (PZ)

Bathroom lock (BAD)

All shell handles available in stainless steel and black matt

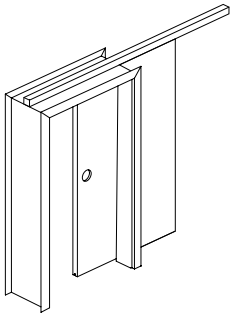
RUNNING INSIDE THE WALL

Sliding doors that run inside the wall are both aesthetically pleasing and functional. With just a gentle push, they disappear inside the wall, leaving space for you to pass through. They create space for furniture, pictures and lighting to be placed directly on the wall.

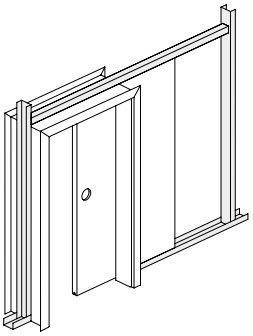
At a glance

- **Installed in existing wall openings or prefabricated cabinet systems**
- **The best sliding door for saving space**
- **Available with closing and opening damping function and push-to-open options for even more convenience**
- **Available in a wide range of surfaces and as a Westalack Premium lacquered door**

CONSTRUCTION VARIANTS



Sliding door system running inside the wall for customised, individual installation in the customer's existing wall openings. The transition from the wall opening to the door frame must be prepared accordingly.



Sliding door system running inside the wall for prefabricated cabinet systems. The prefabricated constructions by well-known manufacturers are installed in drywall or masonry. The specially designed door frame covers the edges of the wall opening reliably.

Scope of delivery

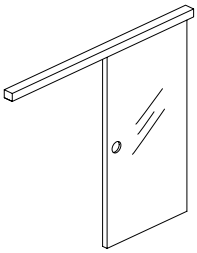
On-site components

Sliding door running inside the wall in Portalit A 222 Pma Arctic White

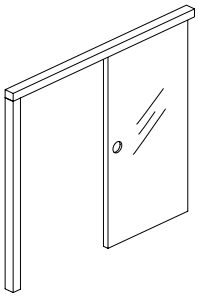
SYSTEM FOR CUSTOMERS´ GLASS SLIDING DOORS

Glass sliding doors don't separate rooms – they connect them. They create transparency, bring light into the room and save space. The 40/80 sliding door system, which now has a casing for existing glass sliding doors, can be mounted directly on the wall or integrated into existing frames – perfect for post-construction installation or refurbishment. The system also combines perfectly with other doors, thanks to decor and lacquer matching.

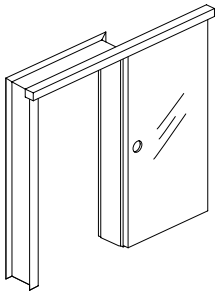
CONSTRUCTION VARIANTS



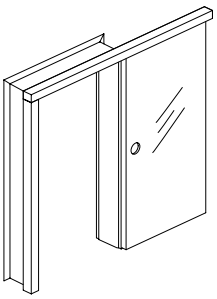
The basic version: the glass sliding door is fitted directly on the wall, using the system. A high-quality guide rail ensures that the door slides quietly and smoothly. The cover angle in a matching decor reliably covers the guide rail. The casing for glass sliding doors has a pure, discreet effect.



The basic version (left) is extended using an end post. This construction enables the glass sliding door to be closed flush with the end post (not lockable).



For anyone wishing to hide the open wall reveal, a sliding door construction including door frame is the right choice. Frames, cover angles and casings for glass sliding doors are available in the same decorative patterns.



The sliding door construction with frame (left) is extended with an end post. This construction enables the glass sliding door to be closed flush with the end post (not lockable). Frames, cover angles and casings for glass sliding doors are available in the same decors.

The cover angle and casing are available in a wide range of surfaces.

Scope of delivery: p. 92

At a glance

- **Can be mounted directly upon the wall or with a frame**
- **Easy installation, even post-construction**
- **Combines well with other doors – cover angles with decors and lacquering from the Westag door collection**

Cover angle and casing in Portalit A 446 Pe Putty

APPLICATIONS

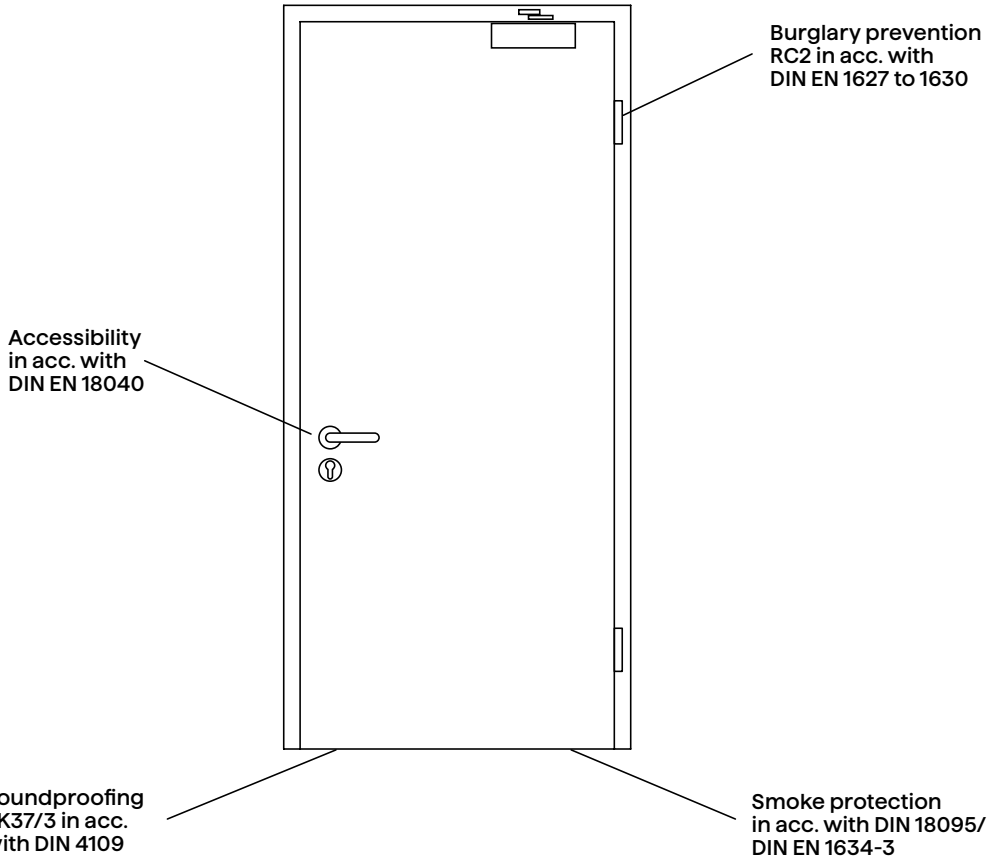
CA–

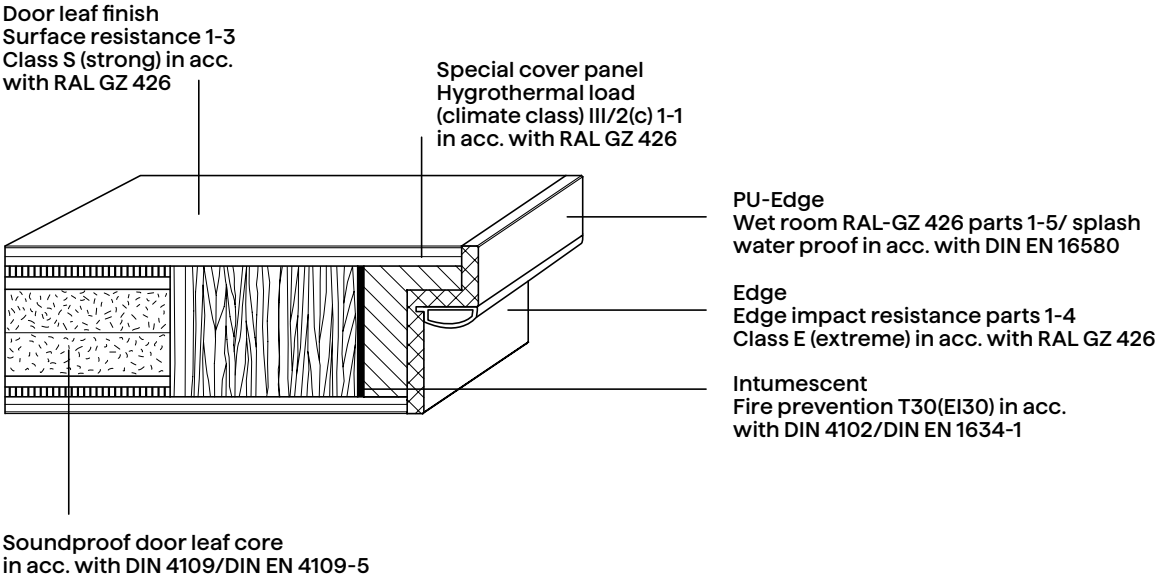
60 WHAT A DOOR DOES FOR YOU
61 INNOVATIONS
62 INSPIRATION
68 LIVING
70 HOSPITALITY
72 HEALTHCARE
74 EDUCATION
76 OFFICE

WHAT A DOOR DOES FOR YOU

Wooden doors can perform a range of functions, such as combining fire protection and soundproofing – but more than that, they can also help to make spaces more accessible. Doors with verified characteristics can fulfil even the most exacting of requirements.

The five functions described here – four defined RAL characteristics plus accessibility – can be achieved with just one approx. 43 mm thick door leaf as an element with a frame and suitable hardware.





INNOVATIONS

Living, office, hospitality, healthcare and education – our doors are used in a range of sectors with very different requirements in terms of design and functionality. In order to exceed expectation in all of these industries, we have expanded our portfolio with a special focus on the needs of the property business:

50 MM RANGE

- **One thickness for all the doors in the property, available with a wide range of frame types, reduces planning complexity and makes installation easier**
- **Applied consistently for a wide range of functions, such as fire prevention, burglary prevention and combinations of the two**
- **Meets the stricter requirements now applicable in many sectors due to the introduction of European standards**
- **Available with all Westag frame structures – including ProEdge**

More information: p. 100

NEW FRAME STRUCTURE

- **Fitting allowance increased up to 4 mm**
- **Lower light transmission and air permeability**
- **High durability thanks to extra-sturdy jamb plate**
- **With new, built-in, screw-on hinge slot for doors up to 100 kg**

More information: p. 108

ProEdge

- **Edge impact resistance S for Homapal, FENIX DOORS, Getalit and Portalit**
- **Sturdy, highly impact resistant and dirt resistant**
- **16 decors, including all FENIX NTM® colours in the FENIX® DOORS collection**
- **Available with all rebate geometries, from flush closing to standard rebate and double-rebate**
- **Suitable for all functions, such as fire and burglary prevention**
- **Door thicknesses from 40 mm to 71 mm, incl. our new 50 mm range**

Overview of our range of edges: p. 102

INSPIRATIO

In offices, hospitals, hotels, schools and homes around the world, doors are increasingly stepping out of the shadows and into the spotlight.

Surfaces, decors and design series provide a means of orientation with strong colours in kindergartens, create a cosy atmosphere in hospital wards, and reflect corporate design in office spaces.

However, sophisticated engineering for a wide range of door functions is equally important. Let our colleagues inspire you to rethink your space.

ON LIVING & DESIGN

Salvatore Figliuzzi
Head of Marketing and Strategy
Westag AG

“Was the door intended merely as a means to an end? Usually smooth and white, it has often been no more than an afterthought in a room. But the modern door is becoming increasingly important as an aspect of interior design.

With our wide range of configuration options, almost anything is possible for a creative mind. I never cease to be amazed by the wide range of surfaces, colours, decors and structures we offer – to bring every interior design style and trend to life. And we’re always working on new products, too – right now, the ‘Matt & Metal’ surfaces from FENIX and Homopal are my absolute favourite.”

HOSPITALITY

“A hotel door needs to speak two languages: that of the corporate design, and that of its function.

That’s a challenge we love to tackle. Uniqueness and recognisability are becoming more and more important to hotels and hotel chains. With surfaces designed to match the wall cladding or the room’s furniture, our doors blend in seamlessly with the overall design. The details of the design are incredibly important to us – and that goes for the fitting technology too. After all, our clients’ requirements are just as diverse as the number of places our doors are used – from hotel rooms to conference as well as event suites, and even spa areas.”

Alexander Sasse
Head of Price/Product Management
Westag AG

Ludger Thiele
Seminar Facilitator/Product Manager
Westag AG

Mathias Lingnau
Key Account Manager, Object Solutions
Westag AG

HEALTHCARE

“When I visit hospitals, it always makes me proud to see the performance our doors provide in the hustle and bustle of daily medical work.

It goes without saying that they need to fulfil many different functions, be extremely robust, and also easy to clean. At the same time, wood decors and homely colours mean that they are now increasingly adding a natural feel and warmth to hospital wards. This is all thanks to our Getalit HPL decors, which we produce ourselves, and are thus highly customisable. Environments like this improve the recovery process, and also enhance the well-being of doctors and carers.”

EDUCATION

“Wherever there’s children about, doors require a special set of skills. In kindergartens, playschools and schools, doors need to be both sturdy and accessible. For instance, panic locks ensure that a door can be opened from the inside at any time during an emergency, even if it is locked. Rounded edges and a special finger guard mechanism prevent injuries. Strong colours also improve accessibility by helping to provide orientation, while glass elements allow for a clear view of the corridor ahead.

Developing doors that allow children to play and learn without obstacles is my passion.”

Frederic Roth
Technical Development
Westag AG

Holger Jacke
Head of In-House Sales
Westag AG

Nicole Muhl
In-House Sales/Project Calculation
Westag AG

OFFICE

“Creating an office people look forward to working in is a question of design – and doors are design.

Our customers never cease to be amazed by what is possible – doors with metallic surfaces that feel warm and comfortable, for example, or with fanlights and semi-transparent side panels that let more light into rooms, like extra windows. Our doors are our way of helping make offices places where people love to come together – particularly in a time where so many have become used to working from home, and when competition for skilled workers is so fierce.”

LIVING

When it comes to choosing doors for living spaces, design is often the dominating factor. But the “internal values” of a doors shouldn’t be forgotten, either.

FUNCTIONAL DOORS
Functional doors are also recommended for use in living spaces, as they can greatly improve comfort in a number of ways:

- Soundproof doors for offices, bedrooms and utility rooms
- Energy-saving doors for unheated attics and basements
- Water-resistant doors for bathrooms

APARTMENT ENTRANCE DOORS
Designed to match the interior doors, but with additional functions – after all, apartment entrance doors need to meet stricter requirements and handle greater stresses and strains in terms of climate. Burglar protection also has an important role to play. Doors with higher resistance classes can be fitted with additional options such as three-point locks and hinge-side protection devices to prevent them from being levered open, thus providing greater security.

SLIDING DOORS
Living space is becoming more and more scarce. For new builds and rebuilds alike, when it comes to making the most of small spaces, sliding doors are always a great choice. They are a great way of partitioning off a small area for use as a home office, for example. A glass sliding door or a sliding door with a glass opening also brings more light into a room, and establishes a visual connection between the partitioned space and the rest of the apartment.

Sliding door running in front of the wall, in Portalit Ei 767 in Oak Adria

Brief description of all door functions: p. 116

Recommendation for use		Apartment entrance doors from necessary corridor	Apartment entrance doors from necessary stairwell	Doors to undeveloped attic, doors to garage
Fire prevention doors	T30(EI30)		●	●
Smoke protection doors	RS(S200)		●	●
seal tight/self closing doors	Sa(C5)[1]	●		
Soundproof doors	Class SK27/1	●	●	
	Class SK32/2	O	O	
	Class SK37/3	●	●	
	Class SK40/3,5	O	O	
	Class SK42/4	O	O	
Damp room doors				
Wet room doors				
Doors according to RAL-GZ 426	hygrothermal stress Part 1-1 (climate class III)	●	●	
Westag doors				
Fire prevention	T30(EI30)			●
Smoke protection	RS(S200)			●
seal tight/self closing	Sa(C5)[1]	●	●	
Soundproofing	Class SK27/1	●	●	
	Class SK32/2	O	O	
	Class SK37/3	●	●	
	Class SK40/3,5	O	O	
	Class SK42/4	O	O	
Damp room	Tubular core			
	Solid core			
Wet room resp. splash water resistant	Tubular core			
	Solid core			
	without wood			
Westag door frames				
Wooden wrap-around frame		●	●	●
Damp room frame				
Steel frame	galvanised/protective primed	●	●	●
	Stainless steel frames V2A			
	Stainless steel frames V4A			
Block frame		●	●	●
Westag surfaces				
Homapal		O	O	O
FENIX NTM		●	●	●
FENIX NTA		O	O	O
Getalit (HPL)		●	●	●
Portalit (CPL)[2]		●	O	O
Westalack Premium[2]		●	O	O
Westalack Soft[2]		●	O	O
Westalack Smart[2]		O	O	O

Requirements for barrier-free use may need to be considered.

● = Recommendation O = Possible [1]DIN EN 1634-3 [2]Not in high usage areas

HOSPITALITY

Hotels house a multitude of different room types under one roof. From bedrooms to spas, each one comes with its own specific requirements in terms of door functionality. At the same time, all these doors need to fit within a strict design concept.

DESIGN
Doors made to match with the same decor as the edge and frame are the perfect fit for this concept. Solutions like ProEdge can provide a harmonious aesthetic and high resistance levels, too. Costs can be optimised by combining different door surfaces with the same decor that are going to be used for different applications and subjected to different stresses and strains. Using the same surfaces throughout your interior design on elements such as wall cladding, partitions and furniture will really round off the look and feel of a property.

DAMP AND WET ROOM
Doors at swimming pools and in shower and spa areas need to be able to withstand splashes and high humidity levels. It is important to ensure that all the components are optimised for use in a damp environment. This means the following features are essential:

- Frame structures that prevent the entry of moisture,, e.g. ProEdge, PU-Edge or plastic surface-mounted edging
- Corrosion-proof hinges
- Splash-proof frames for damp rooms and stainless steel frames for wet rooms

SOUNDPROOFING
A lot of people in one place usually means a lot of noise. As such, sound-proofing is particularly important in such situations. Seal-tight doors with three-sided seals and adjustable floor seals ensure that residents can sleep undisturbed.

Soundproof doors FENIX DOORS FX 0752 NTM Grigio Antrim

In FENIX DOORS, Getalit and Portalit, Westag offers high-quality surfaces for doors and interior design, all from a single source: see p. 80 for details

Recommendation for use		Hotel/hostel rooms	Connecting doors between hotel rooms	Bathrooms	Corridor doors Corridors to stairwell Corridors to guest rooms	Rooms with greater fire load densities, units from necessary stairwell/ corridors in the basement	Kitchen, canteen and restaurant
Fire prevention doors	T30(EI 30)	○	○			●	○
Smoke protection doors	RS(S200)	●	○		●	●	○
seal tight/self closing doors	Sa(C5)[1]	○	●				○
Soundproof doors	Class SK27/1						
	Class SK32/2	●			●		
	Class SK37/3	○					
	Class SK40/3,5	○	●				
	Class SK42/4	○	●				
Damp room doors				●			○
Wet room doors				○			○
Westag doors							
Fire prevention	T30(EI30)	○	○			●	○
Smoke protection	RS(S200)	●	○		●	●	○
seal tight/self closing	Sa(C5)[1]	○	○				○
Soundproofing	Class SK27/1						○
	Class SK32/2	●			●		
	Class SK37/3	○			○		
	Class SK40/3,5	○	●		○		
	Class SK42/4	○	●		○		
Damp room	Tubular core			●			
	Solid core			●			●
Wet room resp. splash water resistant	Tubular core						○
	Solid core						○
	without wood						○
Westag door frames							
Wooden wrap-around frame				○			
Damp room frame				○			
Steel frame	galvanised/protective primed	●	●	●	●	●	●
	Stainless steel frames V2A	○	○	○	○	○	○
	Stainless steel frames V4A						
Block frame		○	○		●	●	
Westag surfaces							
Homapal		○	○	○	○	○	○
FENIX NTM		●	●	●	●	●	●
FENIX NTA		○	○	○	○	○	○
Getalit (HPL)		●	●	●	●	●	●
Portalit (CPL)[2]				○			

Requirements for barrier-free use may need to be considered.

● = Recommendation ○ = Possible

[1] DIN EN 1634-3 [2] Not in high usage areas

HEALTHCARE

In hospitals, rehab centres, medical practices, care homes and senior residences, hygiene and accessibility are particularly important - and this applies just as much to doors as to any other aspect of the building.

ACCESSIBILITY

Doors shouldn't be a barrier to the elderly or ill, and carers also need to be able to move through them as quickly as possible – after all, every second counts in an emergency. Extra-wide and double doors provide plenty of space for wheelchairs and hospital beds. There are also a wide range of other technical solutions that play an important role in accessibility, including automatic swing door drives and ergonomic handles that can be operated without on-hand contacts. One simple solution is to position handles at a height of 850 mm. The DIN 18040 standard covers such considerations.

DURABILITY

Surfaces in hospitals need to be made of sturdy HPL and easy to clean. Due to the high levels of stress and strain they need to withstand, they are often combined with edge and step protection. PU-Edges are the recommended solution in many cases due to their special characteristics:

- Shock and impact resistant for perfect protection against damage to the edges and adjacent surface areas
- Non-porous for high hygiene standards
- Moisture-resistant

SPECIAL FUNCTIONS

Doors in the healthcare sector need to handle all kinds of different tasks. In X-ray rooms, for example, radiation protection doors with full lead layers that cover the entire opening and closing areas and lead-lined frames are required. Doors in forensic departments need additional security functions to protect patients and personnel.

Soundproof door in Getalit A 222 Pe Arctic White, PU-Edge similar to RAL 7016

For full details on PU-Edges and potential alternatives, see p. 102

Recommendation for use		Patient rooms	Patient bathrooms	Doctors and treatment rooms	Toilets and humid areas	Wet areas	Conference areas	Offices and administration
Fire prevention doors	T30(EI30)							
Smoke protection doors	RS(S200)							
seal tight/self closing doors	Sa(C5)[1]	●		●			○	○
Soundproof doors	Class SK27/1							●
	Class SK32/2	●						●
	Class SK37/3	○		●			●	●
	Class SK40/3,5	○		○				
	Class SK42/4	○		○				
Damp room doors			●		●			
Wet room doors						●		
Westag doors								
Fire prevention	T30(EI30)							
Smoke protection	RS(S200)							
seal tight/self closing	Sa(C5)[1]	●		●			○	○
Soundproofing	Class SK27/1							●
	Class SK32/2	●		●				●
	Class SK37/3	○		○			●	●
	Class SK40/3,5			○				
	Class SK42/4			○				
Damp room	Tubular core		○		○			
	Solid core		●		●			
Wet room resp. splash water resistant	Tubular core					●		
	Solid core					●		
	without wood					○		
Westag door frames								
Wooden wrap-around frame							●	●
Damp room frame								
Steel frame	galvanised/protective primed	●	●	●	●		●	●
	Stainless steel frames V2A					●	●	●
	Stainless steel frames V4A					○		
Block frame							●	●
Westag surfaces								
Homapal		○	○	○	○	○	○	○
FENIX NTM		●	●	●	●	●	●	●
FENIX NTA		○	○	○	○	○	○	○
Getalit (HPL)		●	●	●	●	●	●	●
Portalit (CPL)[2]			○		○		○	○

Requirements for barrier-free use may need to be considered.

● = Recommendation ○ = Possible

[1] DIN EN 1634-3 [2] Not in high usage areas

EDUCATION

Doors for schools, universities, vocational colleges and kindergartens need to check a large number of boxes. They must withstand a lot of stress and strain, enhance security and aid orientation.

SURFACES AND DESIGN

Doors with HPL surfaces are particularly well-suited to use in the education sector. They are extremely sturdy and can be combined with a wide rage of functions, such as soundproofing, while their plain decors provide a colourful, child-friendly environment and – even more importantly – help the children to find their way around more easily.

INJURY PREVENTION

Children often have things other than their own safety in mind. There are several ways to protect them from injury and accidents around doorways:

- Doors with rounded edges
- Finger guard mechanisms where the hinges meet to prevent fingers from getting crushed
- Side glass elements to provide a clear view of the path ahead

COMBINING FIRE PREVENTION WITH ACCESSIBILITY

Doors in public facilities need to comply with fire safety requirements while also guaranteeing accessibility:

- Free-swing door closers close automatically in case of smoke or fire
- Panic locks – often combined with panic bars or push bars – ensure that a door can be opened from the inside at any time during an emergency, even if it is locked. These solutions also facilitate quick evacuation in case of an emergency.

Soundproof door in Getalit A 556 Ve Noble Fir with transparent glass fanlight

Sturdy HPL in 68 plain decors – overview of the Getalit colour range: p. 82

Recommendation for use		Classrooms, Auditoriums	Group rooms	Calming rooms, separating rooms	Connecting doors between classrooms	Toilets, Changing areas	Conference areas	Offices and administration, teachers' lounge and caregiver room	Rooms with greater fire load densities	Gym and sports hall entrances	Multi-functional rooms, games rooms	Shower and wet areas	Corridor doors and entrance doors
Fire prevention doors	T30(EI30)				○				●				
Smoke protection doors	RS(S200)				○				●				●
seal tight/self closing doors	Sa(C5)[1]	●	●	○	○		○	○					
Soundproof doors	Class SK27/1							●					
	Class SK32/2	●	●					○					
	Class SK37/3	○	○	●	●		●	●		○	●		●
	Class SK40/3,5			○	○		○	○			○		
	Class SK42/4			○	○		○	○			○		
Damp room doors						●						○	
Wet room doors												●	
Doors for sports hall frames										●			
Westag doors													
Fire prevention	T30(EI30)				○				●				
Smoke protection	RS(S200)				○				●				●
seal tight/self closing	Sa(C5)[1]	●	●	○	○		○	○					
Soundproofing	Class SK27/1							●					
	Class SK32/2	●	●					●					
	Class SK37/3	○	○	●	●		●	●		○	●		
	Class SK40/3,5			○	○		○	○			○		
	Class SK42/4			○	○		○	○			○		
Damp room	Tubular core					○							
	Solid core					●							
Wet room	Tubular core											○	
	Solid core											●	
	without wood											○	
Westag door frames													
Wooden wrap-around frame													
Damp room frame													
Steel frame	galvanised/ protective primed	●	●	●	●	●	●	●	●	●	●		●
	Stainless steel frames V2A	○	○	○	○	○	○	○			○	●	○
	Stainless steel frames V4A											○	
Block frame		●	●	●			●	●	●	●	●		●
Westag surfaces													
Homapal		○	○	○	○	○	○	○	○	○	○	○	○
FENIX NTM		●	●	●	●	●	●	●	●	●	●	●	●
FENIX NTA		○	○	○	○	○	○	○	○	○	○	○	○
Getalit (HPL)		●	●	●	●	●	●	●	●	●	●	●	●
Portalit (CPL)[2]							○	○					

Requirements for barrier-free use may need to be considered.

● = Recommendation ○ = Possible

[1] DIN EN 1634-3 [2] Not in high usage areas

OFFICE

Room concepts for offices are becoming increasingly individualised. Flex-desk solutions, separate areas for confidential discussions, space for town hall meetings: whatever the scenario, rooms – and thus doors, too – need to adapt to modern ways of working.

SURFACES
When faced with such a wide variety of requirements, it's helpful to have a selection of easily combinable surfaces to choose from. The main factor in the decision is what stresses and strains the door needs to be able to withstand, but its role in representing the company is also important. Special ultra-matt or metallic surfaces help to create attractive areas for discussion, and these can be combined with other sturdy surfaces for cost-optimised project planning.

TRANSPARENCY
Glazing in office buildings has two jobs: it needs to optimise the lighting situation, especially in inwardly oriented rooms, and also needs to promote dialogue as part of an open corporate culture. There are a range of options available for this:

- Strip apertures
- Glazed side panels
- Fanlights

Satin-finished or sandblasted glazing lets in more light without compromising confidentiality.

SOUNDPROOFING
Focused work requires a calm environment. Soundproof doors – available in a variety of classes – provide the necessary peace and quiet while also helping to preserve privacy and data protection standards by ensuring nothing leaks outside the room.

Soundproof door FENIX DOORS FX 5003 NTA Oro Cortez

Eye-catching effects in public-facing areas can be provided by the metallic surfaces of Homapal and FENIX Doors; see p. 80

Recommendation for use		Toilets	Conference areas	Offices and administration	Rooms with greater fire load densities (warehouse, EDV)
Fire prevention doors	T30(EI30)				●
Smoke protection doors	RS(S200)				●
seal tight/self closing doors	Sa(C5)[1]		○	○	
Soundproof doors	Class SK27/1			●	
	Class SK32/2			●	
	Class SK37/3		●	●	
	Class SK40/3,5				
	Class SK42/4				
Damp room doors		●			
Wet room doors		○			
Westag doors					
Fire prevention	T30(EI30)				●
Smoke protection	RS(S200)				●
seal tight/self closing	Sa(C5)[1]		○	○	
Soundproofing	Class SK27/1			●	
	Class SK32/2			●	
	Class SK37/3		●	●	
	Class SK40/3,5		○	○	
	Class SK42/4				
Damp room	Tubular core	○			
	Solid core	●			
Wet room	Tubular core				
	Solid core				
	without wood				
Westag door frames					
Wooden wrap-around frame		●	●	●	●
Damp room frame					
Steel frame	galvanised/protective primed	●	●	●	●
	High-grade steel V2A	○	○	○	○
	High-grade steel V4A				
Block frame			●	●	●
Westag surfaces					
Homapal		○	○	○	○
FENIX NTM		●	●	●	●
FENIX NTA		○	○	○	○
Getalit (HPL)		●	●	●	●
Portalit (CPL)[2]				○	

Requirements for barrier-free use may need to be considered.

● = Recommendation ○ = Possible [1]DIN EN 1634-3 [2]Not in high usage areas

DECOR
OVERV

R VIEW

80 HOMAPAL
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90 WESTALACK
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96 GLAZING

HOMAPAL

- **Matt metall surface**
- **Highly scratch resistant due to innovative SRM technology (Scratch Resistant Matt)**
- **Anti-Fingerprint**
- **For objects and exclusive living spaces**

SURFACE PROPERTIES

extremly matt surface

scratch resistant

real metal structure

lightfast

abrasion resistant

resistant to common household chemicals

FENIX NTM®

- **Extremly matt surface with anti-fingerprint properties**
- **Outer surface is treated with next generation acrylic resins, which are fixed through an Electron Beam Curing process**
- **Thermal healing of superficial microscratches**
- **Deliverable with colour-matching edge – also available as ProEdge – and frame**
- **Well-cleanable due to extremly closed acrylic surface**
- **For objects and exclusive living spaces**

SURFACE PROPERTIES

extremly matt surface

soft touch

anti-fingerprint

thermal healing of superficial microscratches

FENIX NTA®

- **Extremly matt metall surface with a soft touch**
- **Outer surface is treated with next generation acrylic resins, which are fixed through an Electron Beam Curing process**
- **Anti-Fingerprint**
- **Thermal healing of superficial microscratches**
- **Colour-matching frames available**
- **Well-cleanable due to extremly closed acrylic surface**
- **For objects and exclusive living spaces**

SURFACE PROPERTIES

extremly matt surface

soft touch

anti-fingerprint

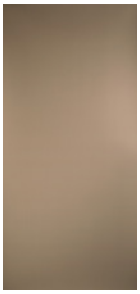
thermal healing of superficial microscratches

real metal structure

HOMAPAL COLLECTION

454 SRM
Alu Brushed
Rosegold

447 SRM
Alu Brushed
Coppertone



451 SRM
Alu Brushed
Bronzetone

FENIX NTM COLLECTION

FX 0757 NTM
Bianco Dover

FX 0725 NTM
Grigio Efeso

FX 0752 NTM
Grigio Antrim

FX 0724 NTM
Grigio Bromo

FX 0720 NTM
Nero Ingo

FX 0718 NTM
Grigio Londra

FX 0794 NTM
Verde Kitami

FX 0750 NTM
Verde Comodoro

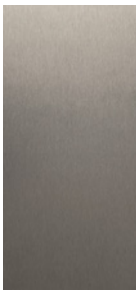
FX 0754 NTM
Blu Fes

FX 0790 NTM
Viola Orissa

FX 0751 NTM
Rosso Jaipur

FENIX NTA COLLECTION

FX 5001 NTA
Argento Dukat



FX 5000 NTA
Acciaio
Hamilton

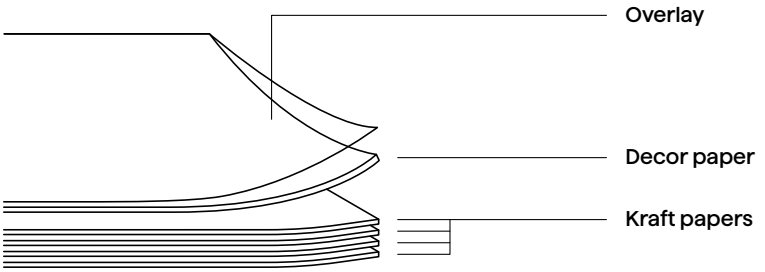
FX 5003 NTA
Oro Cortez

Getalit®

HPL SURFACE

- **Resistant HPL, produced in-house**
- **All Getalit decors available with a thickness of 0.7/0.8, 1.2 and 2.0 mm**
- **68 plain and 24 wood decors**
- **Various decors also available as FENIX NTM**
- **Suitable for complex functional doors and intensive use**

SURFACE STRUCTURE



www.blauer-engel.de/uz176
- emissions- und schadstoffarm
- Holz aus nachhaltiger Forstwirtschaft
- in der Wohnumwelt gesundheitlich unbedenklich

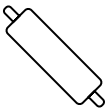
Awarded with the German ecolabel »Blue Angel«

SURFACE PROPERTIES

lightfast

temperature resistant

abrasion resistant



food safe

resistant to common household chemicals

impact resistant

steam resistant

BASIC COLLECTION
PLAIN DECORS

Rebate edge coating, glass beads and wooden lining frames to be used with all decors

A 224 Pe
Signal White

A 222 Pe
Arctic White

A 222 Pma
Arctic White

A 22 Pe
Pearl White

A 223 Pe
Classic White

A 223 Pma
Classic White

A 242 Pe
Plain White

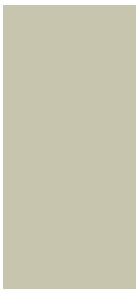
A 242 Pma
Plain White

veneerable and
varnishable

A 286 Pma
Columbia White

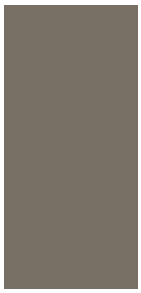
A 422 Pma
Lana Grey

A 402 Pe
Bright Grey


A 520 Ve
Seed

A 723 Ve
Otter

A 772 Ve
Earth


A 477 Pma
Duran Grey

A 996 Ve
Sepctrum
Yellow

A 966 Ve
Levante

A 669 Ve
Grenadine

A 676 Ve
Paprika

A 595 Ve
Algae

A 556 Ve
Fir

A 888 Ve
Tropical Blue

A 862 Ve
Denim

A 446 Pma
Putty

A 440 Pma
Cortina Grey

A 421 Pe
Basalt

A 144 Pma
Vesuvius Grey

A 416 Pe
Titanium Grey

A 14 Pe
Graphite

A 1 Pe
Black

BASIC COLLECTION
WOOD DECORS

Rebate edge coating, glass beads and wooden lining frames to be used with all decors

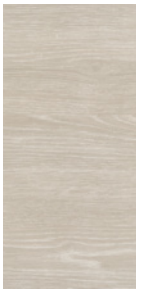
ESR 222 Rb
Ash Tree Arctic White

Pi 230 In
Pine White

PiC 230 InC
Pine White Cross

NU 324 Rb
Walnut Embla

Ei 424 Lo
Platinum Oak



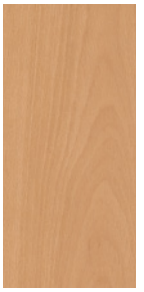
EiC 424 LoC
Platinum Oak Cross

BN 434 Pe
Semento

Ei 443 Rb
Sala Oak

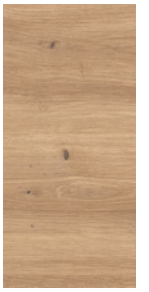
AH 74 PoF
Rustic Maple

EiB 310 PoF
Pale Oak



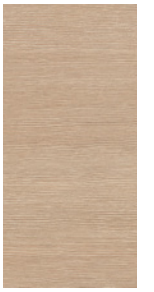
BU 88 PoF
Flowery Beech

Ei 793 Si
Artis Oak



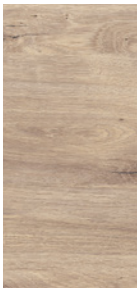
EiC 793 Si
Artis Oak Cross

Ei 342 Rb
Oak Eleganzia



PiC 11 InC
Pine Light Cross

Ei 767 In
Oak Adria



EiC 767 InC
Oak Adria Cross

NU 736 PoF
Walnut Noce

NU 717 Rb
Walnut Trentino

PiC 44 InC
Pine Grey Cross

TREND COLLECTION
WOOD DECORS

No colour-matching rebate edge coating, glass beads and wooden lining frames available. Standard are colour-coordinated decors from the Getalit Basic collection according to Westag selection

HA 26 PoF
Planked Elegant Maple

BU 89 PoF
Teuton Beech

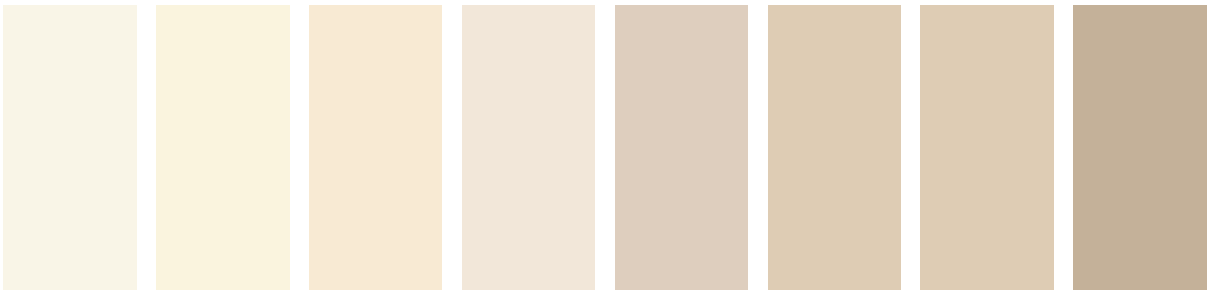
AE 761 In
American Oak

MEi 170 In
Moor Oak

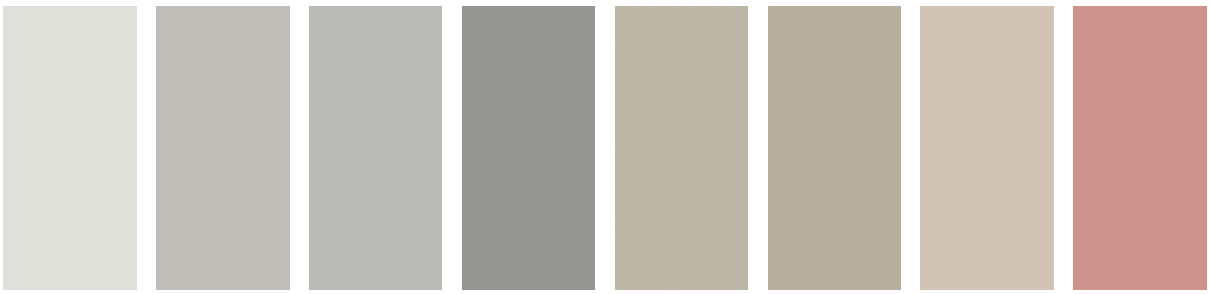
Decor cut-outs shown in reduced size.

TREND COLLECTION
PLAIN DECORS

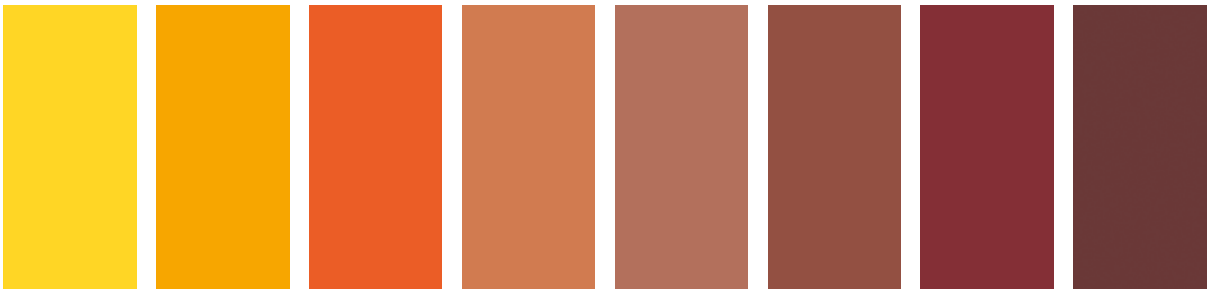
No colour-matching rebate edge coating and wooden lining frames available. Standard are colour-coordinated decors from the Getalit Basic collection according to Westag selection



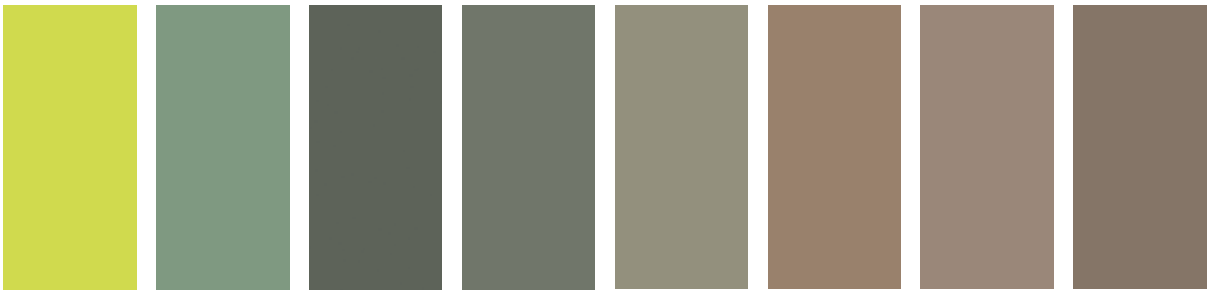
A 2 Pe Pure White | A 32 Pe Light Ivory | A 320 Pma Sand | A 227 Pe Light Beige | A 340 Pe Sand Grey | A 302 Pe Beige Yellow | A 325 Pe Powder | A 720 Ve Mojave



A 420 Pe Polar Grey | A 4 Pe Grey | A 464 Pe Platinum | A 444 Pe Tin Grey | A 412 Pma Sabia | A 722 Pe Monolith Grey | A 327 Pe Rosetta | A 622 Ve Blush



A 999 Ve Chrome Yellow | A 969 Ve Sun | A 696 Ve Clementine | A 769 Ve Terracotta | A 687 Ve Adobe | A 678 Ve Brick | A 668 Ve New Burgundy | A 612 Pma Oxide Red



A 590 Ve Lemon | A 545 Ve Marble Green | A 512 Pma Pine Green | A 544 Ve Green Slate | A 727 Ve Possum | A 732 Ve Kashmir Brown | A 379 Pe Iseo Brown | A 752 Pe Clay

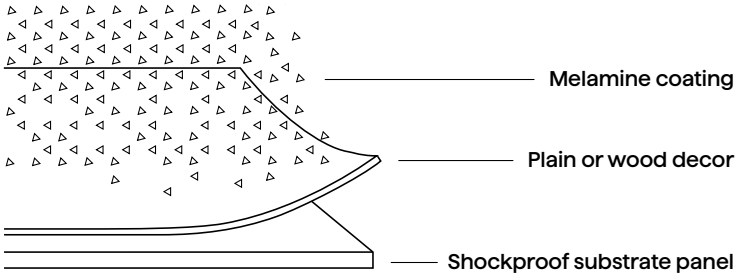
A 852 Ve Dusty Jade | A 858 Ve Grotto | A 808 Ve Marine Blue | A 851 Ve Deep Sea | A 815 Ve Night Sea | A 812 Pma Atlantic Blue

Portalit®

CPL SURFACE

- **Robust, easy-care and colourfast CPL**
- **6 plain decors and 20 wood decors**
- **All decors also available as a Getalit HPL surface**
- **Patented 3-sided round edge made of the surface**
- **Primary application: Living spaces**

SURFACE STRUCTURE

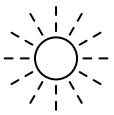


www.blauer-engel.de/uz176
- emissions- und schadstoffarm
- Holz aus nachhaltiger Forstwirtschaft
- in der Wohnumwelt gesundheitlich unbedenklich

Awarded with the German ecolabel »Blue Angel«

SURFACE PROPERTIES

scratch resistant


lightfast

abrasion resistant

temperature resistant

stainproof

impact resistant

steam resistant

resistant to common household chemicals

BASIC COLLECTION PLAIN DECORS

A 222 Pma
Arctic White

A 223 Pma
Classic White

A 242 Pe
Plain White

A 402 Pe
Bright Grey

BASIC COLLECTION WOOD DECORS

ESR 222 Rb
Ash Tree Arctic White

AH 74 PoF
Rustic Maple

EiB 310 PoF
Pale Oak

BU 88 PoF
Flowery Beech

NU 736 PoF
Walnut Noce

TREND COLLECTION PLAIN DECORS

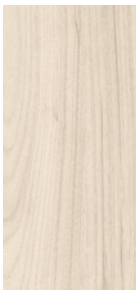
A 446 Pma
Putty

A 416 Pe
Titanium Grey

TREND COLLECTION WOOD DECORS

Pi 230 In
Pine White

PiC 230 InC
Pine White Cross



NU 324 Rb
Walnut Embla

Ei 424 Lo
Platinum Oak

EiC 424 LoC
Platinum Oak Cross

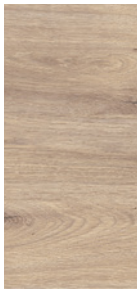
Ei 443 Rb
Sala Oak

BN 434 Pe
Semento

Ei 342 Rb
Oak Eleganzia

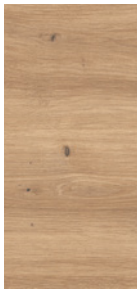
PiC 11 InC
Pine Light Cross

Ei 767 In
Oak Adria



EiC 767 InC
Oak Adria Cross

Ei 793 Si
Artis Oak



EiC 793 Si
Artis Oak Cross

NU 717 Rb
Walnut Trentino

PiC 44 InC
Pine Grey Cross

Decor cut-outs shown in reduced size.

STRUCTURES

SURFACE STRUCTURES FOR GETALIT AND PORTALIT

Perlmatt (Pma)

Sentira (Si)

Pergament (Pe)

Innato (In)

Innato
Cross (InC)

Velin (Ve)

Pore F (PoF)

Robur (Rb)

Legnato (Lo)

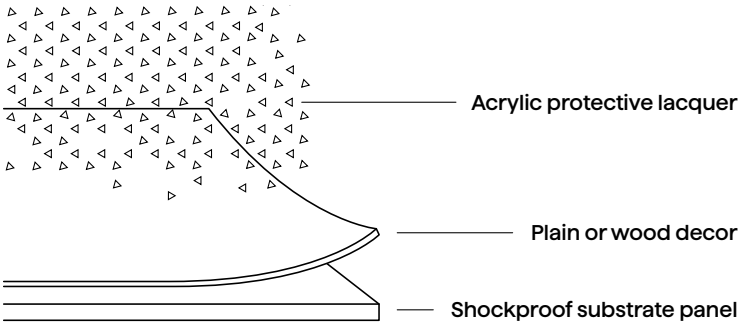
Legnato
Cross (LoC)

Dekorit®

DECOR FOIL SURFACES

- **Easy to clean decor foil surface**
- **Available in popular wood decors and white tones**
- **Doors with primer foil can be painted as desired**
- **Entry-level variant for living spaces**

SURFACE STRUCTURE



www.blauer-engel.de/uz176
- emissions- und schadstoffarm
- Holz aus nachhaltiger Forstwirtschaft
- in der Wohnumwelt gesundheitlich unbedenklich

Awarded with the German ecolabel »Blue Angel«

SURFACE PROPERTIES

abrasion resistant

lightfast

temperature resistant

resistant to common household chemicals

stainproof

DEKORIT COLLECTION

Paintable priming foil

DE 223 Classic White

DE 24 Plain White

DES 25 Ash Tree Withe Pore

DEC 11 Pine Light Cross

DE 74 Rustic Maple

DE 30 Pale Oak

DE 88 Flowery Beech

DE 736 Walnut Noce

DEC 44 Pine Grey Cross

Decor cut-outs shown in reduced size.

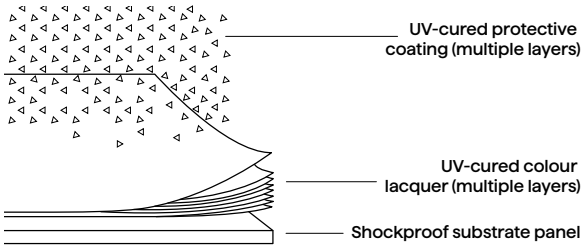
Westalack® Premium

- **High-quality sevenfold lacquering: semi-matt, gleaming surface**
- **Exclusive use of water-based lacquers and solvent-free UV acrylic lacquers**
- **Also available in many design series**
- **For luxurious living spaces**

www.blauer-engel.de/uz176
- emissions- und schadstoffarm
- Holz aus nachhaltiger Forstwirtschaft
- in der Wohnumwelt gesundheitlich unbedenklich

Awarded with the German ecolabel »Blue Angel«

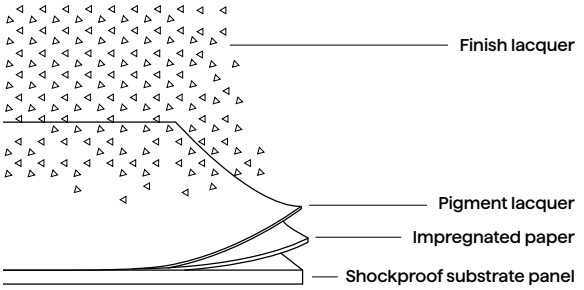
SURFACE STRUCTURE



Westalack® Soft

- **Matt look, silky soft touch**
- **Also available with subtle embossing that's easy to clean, thanks to sealed surface**
- **Available in white, grey tones and black as Piemont and Velvet Line**
- **For modern living spaces**

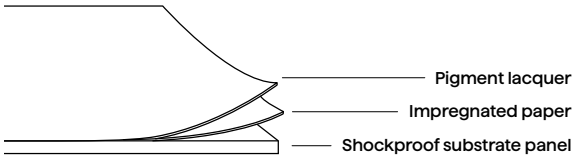
SURFACE STRUCTURE



Westalack® Smart

- **Cost-optimisation for projects, from smooth standard doors to functional doors**
- **Coordinates with Westalack Premium standard white tones**
- **For use in multistorey residential buildings, etc.**

SURFACE STRUCTURE



SURFACE PROPERTIES

applies to all Westalack surfaces

WESTALACK PREMIUM COLLECTION

Arctic White (similar RAL 9016)

Classic White (similar RAL 9010)

WESTALACK SOFT BASIC COLLECTION

Sira White (similar RAL 9003)

WESTALACK SOFT TREND COLLECTION

Classic Grey (similar RAL 7037)

Mineral Grey (similar RAL 7024)

Lunit Black (similar RAL 9004)

WESTALACK SMART COLLECTION

Arctic White (similar RAL 9016)

Classic White (similar RAL 9010)

abrasion resistant

temperature resistant

lightfast

stainproof

resistant to common household chemicals

SCOPE OF DELIVERY

Brand	Decor	Name	Surface structure	Thick-ness (mm)	Range	Sim. to RAL	RAL design	NCS
Homapal	447	Alu Brushed Coppertone	SRM					
	451	Alu Brushed Bronzetonee	SRM					
	454	Alu Brushed Rosegold	SRM					
FENIX NTM	FX 0718	Grigio Londra	NTM				080 50 05	S 5502-Y
	FX 0720	Nero Ingo	NTM				000 25 00	S 8500-N
	FX 0724	Grigio Bromo	NTM			7012		S 6502-B
	FX 0725	Grigio Efeso	NTM			7047		S 2000-N
	FX 0750	Verde Comodoro	NTM				180 40 05	S 7005-B80G
	FX 0751	Rosso Jaipur	NTM				030 30 20	S 6020-Y90R
	FX 0752	Grigio Antrim	NTM				000 55 00	S 4502-B
	FX 0754	Blu Fes	NTM				280 20 15	S 8010-R70B
	FX 0757	Bianco Dover	NTM					S 0505-R60B
	FX 0790	Viola Orissa	NTM					S 7010-R50B
	FX 0794	Verde Kitami	NTM					S 4005-G20Y
FENIX NTA	FX 5000	Acciaio Hamilton	NTA					
	FX 5001	Argento Dukat	NTA					
	FX 5003	Oro Cortez	NTA					
Getalit	A 1	Black	Pergament	0,8/1,2/2,0	Basic	9011	000 15 00	S 9000-N
	A 14	Graphite	Pergament	0,8/1,2/2,0	Basic		280 20 05	S 8005-R80B
	A 144	Vesuvius Grey	Perlmatt	0,8/1,2/2,0	Basic	7043	000 35 00	S 7500-N
	A 2	Pure White	Pergament	0,8/1,2/2,0	Trend			S 050-G50Y
	A 22	Pearl White	Pergament	0,8/1,2/2,0	Basic	9010		S 0502-G50Y
	A 222	Arctic White	Pergament	0,8/1,2/2,0	Basic	9016		S 0502-G
	A 222	Arctic White	Perlmatt	0,8/1,2/2,0	Basic	9016		S 0502-G
	A 223	Classic White	Pergament	0,8/1,2/2,0	Basic	9010	100 90 05	S 0500-N
	A 223	Classic White	Perlmatt	0,8/1,2/2,0	Basic	9010	100 90 05	S 0500-N
	A 224	Signal White	Pergament	0,8/1,2/2,0	Basic	9016		S 0300-N
	A 227	Light Beige	Pergament	0,8/1,2/2,0	Trend	9001	080 90 05	S 1002-Y20R
	A 242	Plain White	Pergament	0,8/1,2/2,0	Basic	9010		S 0502-G
	A 242	Plain White	Perlmatt	0,8/1,2/2,0	Basic	9010		S 0502-G
	A 286	Columbia White	Perlmatt	0,8/1,2/2,0	Basic			S 0505-R60B
	A 32	Light Ivory	Pergament	0,8/1,2/2,0	Trend		100 90 10	S 0505-Y
	A 302	Beige Yellow	Pergament	0,8/1,2/2,0	Trend	1015	075 90 10	S 1010-Y20R
	A 320	Sand	Perlmatt	0,8/1,2/2,0	Trend	1013	080 90 10	S 1005-Y30R
	A 325	Powder	Pergament	0,8/1,2/2,0	Trend		080 80 10	S 2005-Y30R
	A 327	Rosetta	Pergament	0,8/1,2/2,0	Trend		080 80 05	S 2005-Y60R
	A 340	Sand Grey	Pergament	0,8/1,2/2,0	Trend		060 80 10	S 1505-Y50R
	A 379	Iseo Brown	Pergament	0,8/1,2/2,0	Trend	7048	060 60 10	S 4005-Y50R
	A 4	Grey	Pergament	0,8/1,2/2,0	Trend		000 80 00	S 2500-N
	A 402	Bright Grey	Pergament	0,8/1,2/2,0	Basic	7035		S 2002-G
	A 412	Sabia	Perlmatt	0,8/1,2/2,0	Trend	7032		S 3005-G80Y
	A 416	Titanium Grey	Pergament	0,8/1,2/2,0	Basic	7016	240 30 05	S 7502-B
	A 420	Polar Grey	Pergament	0,8/1,2/2,0	Trend	7047	000 90 00	S 1500-N
	A 421	Basalt	Pergament	0,8/1,2/2,0	Basic		240 50 05	S 5502-B
	A 422	Lana Grey	Perlmatt	0,8/1,2/2,0	Basic	7047	000 85 00	S 2000-N
	A 440	Cortina Grey	Perlmatt	0,8/1,2/2,0	Basic	7037	000 55 00	S 5500-N
	A 444	Tin Grey	Pergament	0,8/1,2/2,0	Trend	7004	000 65 00	S 4000-N
	A 446	Putty	Perlmatt	0,8/1,2/2,0	Basic	7004	000 65 00	S 4500-N
	A 464	Platinum	Pergament	0,8/1,2/2,0	Trend		000 80 00	S 2500-N
	A 477	Duran Grey	Perlmatt	0,8/1,2/2,0	Basic	7039	080 40 05	S 6502-Y
	A 512	Pine Green	Perlmatt	0,8/1,2/2,0	Trend	7005		S 7005-G20Y
	A 520	Seed	Velin	0,7/1,2/2,0	Basic	7032		S 3005-G80Y
	A 544	Green Slate	Velin	0,7/1,2/2,0	Trend	7009		S 6005-G20Y
	A 545	Marble Green	Velin	0,7/1,2/2,0	Trend			S 4020-G10Y
	A 556	Fir	Velin	0,7/1,2/2,0	Basic			S 6020-G10Y
	A 590	Lemon	Velin	0,7/1,2/2,0	Trend			S 1060-G60Y
	A 595	Algae	Velin	0,7/1,2/2,0	Basic	6025		S 5040-G40Y
	A 612	Oxide Red	Perlmatt	0,8/1,2/2,0	Trend	8025		S 6020-Y90R
	A 622	Blush	Velin	0,7/1,2/2,0	Trend			S 3020-Y90R
	A 668	New Burgundy	Velin	0,7/1,2/2,0	Trend	3004		S 5040-R
	A 669	Grenadine	Velin	0,7/1,2/2,0	Basic	3016		S 3060-Y80R
	A 676	Paprika	Velin	0,7/1,2/2,0	Basic			S 4050-Y80R
	A 678	Brick	Velin	0,7/1,2/2,0	Trend	8004		S 5030-Y70R
	A 687	Adobe	Velin	0,7/1,2/2,0	Trend			S 4030-Y70R
	A 696	Clementine	Velin	0,7/1,2/2,0	Trend	2004		S 1080-Y70R
	A 720	Mojave	Velin	0,7/1,2/2,0	Trend			S 3010-Y30R
	A 722	Monolith Grey	Pergament	0,8/1,2/2,0	Trend		080 70 05	S 3005-Y20R
	A 723	Otter	Velin	0,7/1,2/2,0	Basic	1019		S 4005-Y20R
	A 727	Possum	Velin	0,7/1,2/2,0	Trend	7034		S 5005-G80Y
	A 732	Kashmir Brown	Velin	0,7/1,2/2,0	Trend			S 5010-Y30R
	A 752	Clay	Pergament	0,8/1,2/2,0	Trend	7006	075 50 10	S 6005-Y20R
	A 769	Terracotta	Velin	0,7/1,2/2,0	Trend			S 3040-Y60R
	A 772	Earth	Velin	0,7/1,2/2,0	Basic	7006		S 6005-Y20R
	A 808	Marine Blue	Velin	0,7/1,2/2,0	Trend	5003		S 6030-R80B
	A 812	Atlantic Blue	Perlmatt	0,8/1,2/2,0	Trend	6012		S 8010-R70B

Y FOR DOOR RANGE

	Doors	Sliding doors	Wooden lining frames	LA doors	Muntins	View	Westaline	Velvet Line	Lineo	Provence	Bretagne	Piemont
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1) No decor-matched edges/glass beads

Brand	Decor	Name	Surface structure	Thick-ness (mm)	Range	Sim. to RAL	RAL design	NCS
Getalit	A 815	Night Sea	Velin	0,7/1,2/2,0	Trend			S 7020-R90B
	A 851	Deep Sea	Velin	0,7/1,2/2,0	Trend			S 6020-B10G
	A 852	Dusty Jade	Velin	0,7/1,2/2,0	Trend			S 3020-B50G
	A 858	Grotto	Velin	0,7/1,2/2,0	Trend			S 5030-B10G
	A 862	Denim	Velin	0,7/1,2/2,0	Basic	5007		S 5030-R90B
	A 888	Tropical Blue	Velin	0,7/1,2/2,0	Basic			S 3060-R90B
	A 966	Levante	Velin	0,7/1,2/2,0	Basic	2011		S 1070-Y40R
	A 969	Lima	Velin	0,7/1,2/2,0	Trend	1028		S 0580-Y30R
	A 996	Sepctrum Yellow	Velin	0,7/1,2/2,0	Basic	1023		S 1070-Y10R
	A 999	Chrome Yellow	Velin	0,7/1,2/2,0	Trend	1018		S 1060-Y
	AE 761	American Oak	Innato	0,8/1,2/2,0	Trend			
	AH 74	Rustic Maple	Pore F	0,8/1,2/2,0	Basic			
	BN 434	Semento	Pergament	0,8/1,2/2,0	Basic			
	BU 88	Flowery Beech	Pore F	0,8/1,2/2,0	Basic			
	BU 89	Teuton Beech	Pore F	0,8/1,2/2,0	Trend			
	Ei 342	Oak Eleganzia	Robur	0,8/1,2/2,0	Basic			
	Ei 424	Platinum Oak	Legnato	0,8/1,2/2,0	Basic			
	Ei 443	Sala Oak	Robur	0,8/1,2/2,0	Basic			
	Ei 767	Oak Adria	Innato	0,8/1,2/2,0	Basic			
	Ei 793	Artis Oak	Sentira	0,8/1,2/2,0	Basic			
	EiB 310	Pale Oak	Pore F	0,8/1,2/2,0	Basic			
	EiC 424	Platinum Oak Cross	Legnato Cross	0,8/1,2/2,0	Basic			
	EiC 767	Oak Adria Cross	Innato Cross	0,8/1,2/2,0	Basic			
	EiC 793	Artis Oak Cross	Sentira	0,8/1,2/2,0	Basic			
	ESR 222	Ash Tree Arctic White	Robur	0,8/1,2/2,0	Basic			
	HA 26	Planked Elegant Maple	Pore F	0,8/1,2/2,0	Trend			
	MEi 170	Moor Oak	Innato	0,8/1,2/2,0	Trend			
	NU 324	Walnut Embla	Robur	0,8/1,2/2,0	Basic			
	NU 717	Walnut Trentino	Robur	0,8/1,2/2,0	Basic			
	NU 736	Walnut Noce	Pore F	0,8/1,2/2,0	Basic			
	Pi 230	Pine White	Innato	0,8/1,2/2,0	Basic			
	PiC 11	Pine Light Cross	Innato Cross	0,8/1,2/2,0	Basic			
	PiC 230	Pine White Cross	Innato Cross	0,8/1,2/2,0	Basic			
	PiC 44	Pine Grey Cross	Innato Cross	0,8/1,2/2,0	Basic			
	veneerable and varnishable			0,8/1,2/2,0	Basic			
Portalit	A 222	Arctic White	Perlmatt		Basic	9016		S 0502-G
	A 223	Classic White	Perlmatt		Basic	9010	100 90 05	S 0500-N
	A 242	Plain White	Pergament		Basic	9010		S 0502-G
	A 402	Bright Grey	Pergament		Basic	7035		S 2002-G
	A 416	Titanium Grey	Pergament		Trend	7016	240 30 05	S 7502-B
	A 446	Putty	Perlmatt		Trend	7004	000 65 00	S 4500-N
	AH 74	Rustic Maple	Pore F		Basic			
	BN 434	Semento	Pergament		Trend			
	BU 88	Flowery Beech	Pore F		Basic			
	Ei 342	Oak Eleganzia	Robur		Trend			
	Ei 424	Platinum Oak	Legnato		Trend			
	Ei 443	Sala Oak	Robur		Trend			
	Ei 767	Oak Adria	Innato		Trend			
	Ei 793	Artis Oak	Sentira		Trend			
	EiB 310	Pale Oak	Pore F		Basic			
	EiC 424	Platinum Oak Cross	Legnato Cross		Trend			
	EiC 767	Oak Adria Cross	Innato Cross		Trend			
	EiC 793	Artis Oak Cross	Sentira		Trend			
	ESR 222	Ash Tree Arctic White	Robur		Basic			
	NU 324	Walnut Embla	Robur		Trend			
	NU 717	Walnut Trentino	Robur		Trend			
	NU 736	Walnut Noce	Pore F		Basic			
	Pi 230	Pine White	Innato		Trend			
	PiC 11	Pine Light Cross	Innato Cross		Trend			
	PiC 230	Pine White Cross	Innato Cross		Trend			
	PiC 44	Pine Grey Cross	Innato Cross		Trend			
Dekorit	DE 223	Classic White			Basic	9010	100 90 05	S 0500-N
	DE 24	Plain White			Basic	9010		S 0502-G
	DE 30	Pale Oak			Basic			
	DE 736	Walnut Noce			Basic			
	DE 74	Rustic Maple			Basic			
	DE 88	Flowery Beech			Basic			
	DEC 11	Pine Light Cross			Basic			
	DEC 44	Pine Grey Cross			Basic			
	DES 25	Ash Tree Withe Pore			Basic			
	Paintable priming foil				Basic			
Westalack Premium		Arctic White			Basic	9016		S 0502-G
		Classic White			Basic	9010	100 90 05	S 0500-N
Westalack Soft		Sira White			Basic	9003		
		Classic Grey			Trend	7037		
		Mineral Grey			Trend	7024		
		Lunit Black			Trend	9004		
Westalack Smart		Arctic White			Basic	9016		S 0502-G
		Classic White			Basic	9010	100 90 05	S 0500-N

Doors	Sliding doors	Wooden lining frames	LA doors	Muntins	View	Westaline	Velvet Line	Lineo	Provence	Bretagne	Piemont
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1) No decor-matched edges/glass beads

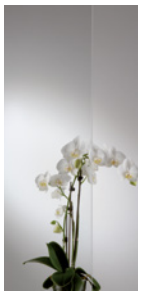
GLAZING

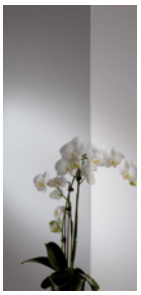
For larger glass openings, we recommend safety glass in compliance with DIN, which is available for many types of glass.

Deviating from the specified glass types, similar designs can also be used. The image of the flower below demonstrates the transparency of each type of glazing.

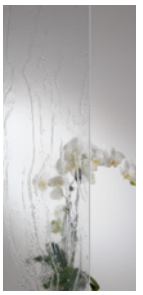
Glazing for glass openings, fanlights and side panels is available for almost all functional doors with the corresponding specifications. Special requests for design features can also be implemented.

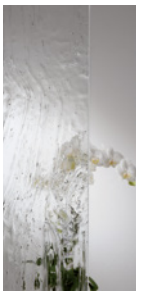
GLAZING – AVAILABLE FOR ALL DOOR MODELS WITH GLASS OPENINGS

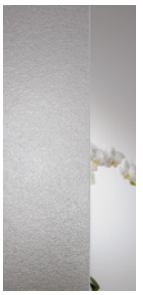

Transparent glass[1]

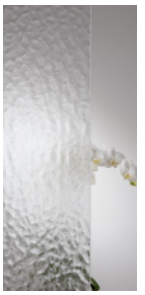

Grey[1]

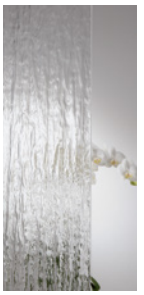
Satinato[1]

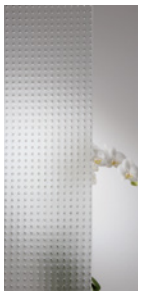

Gothic[1]

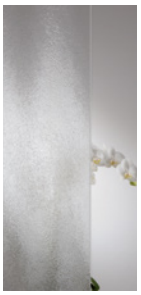

Altdeutsch K White

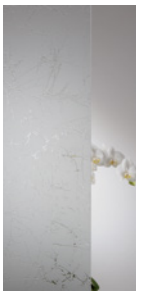

Ornament 504[1]

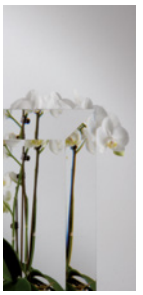

Kathedral[1]

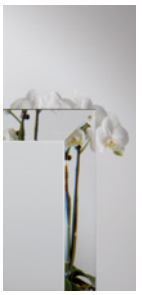

Silvit[1]


Mastercarree[1]


Chinchilla[1]


Uadi[1]

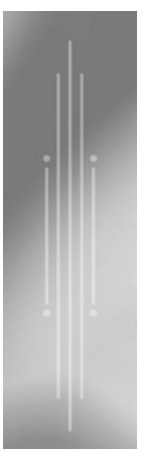

Faceting Transparent glass

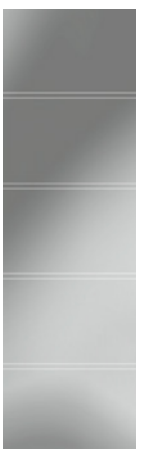

Faceting Satinato

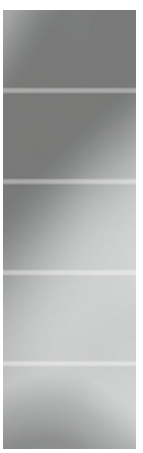
[1] Available as safety glass

SANDBLASTED GLAZING OPTIONS FOR THE LA-DIN, VIEW, LINEO, WESTALINE AND LINEO DOOR MODELS WITH GLASS OPENINGS

2 Lines


Avantgarde

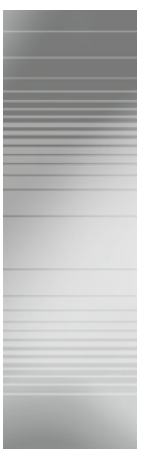

Double Liner


Fourliner

Haldis

Picco Lines

Straight


Taveno

All sandblasted glazing options produced using safety glass and also available in grey.

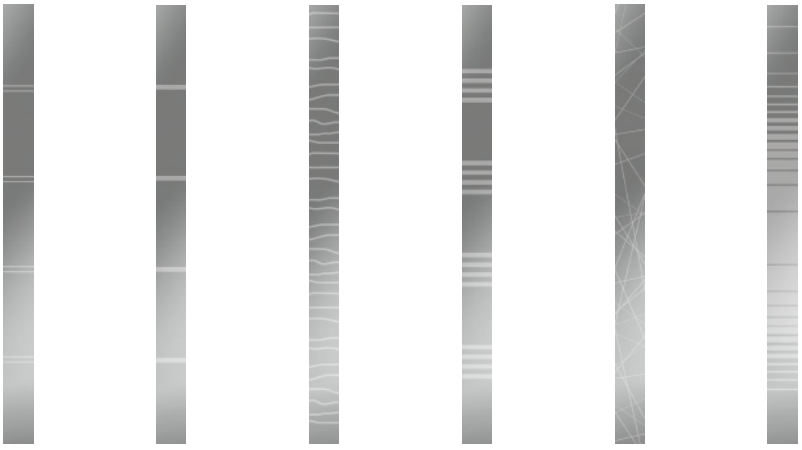
All sandblasted glazing options are also available in reversed matting.

On the sandblasted glazing samples shown here, the light sections are sandblasted, while the dark sections are transparent glass.

SANDBLASTED GLAZING FOR PROVENCE DOOR MODEL

Classico | Florale | Imperial | Palmette | Romantica | Rosette

SANDBLASTED GLAZING FOR THE VIEW, LINEO AND WESTALINE DOOR MODELS AND FOR GLASS OPENING MODELS LA-1, LA-1D, LA-1B



Double Liner | Fourliner[2] | Haldis | Picco Lines | Straight | Taveno

[2] Precise matching to the layout of the line for the series Westaline Type 2505-LB and Lineo 3705-LB
p. 36/40

TECHNOLOGY

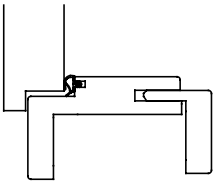
10-

100 DOOR SETS AND DOOR CONSTRUCTIONS
102 EDGES
106 LOCKS AND HINGES
108 DOOR FRAMES
112 TECHNICAL TERMS
113 DIMENSIONS FOR DOORS AND FRAMES
114 RECOMMENDATIONS FOR USE
115 THERMAL INSULATION
116 DOOR FUNCTIONS

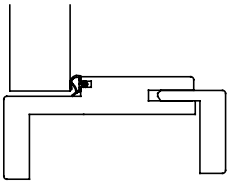
DOOR SETS AND DOOR CONSTRUCTIONS

A wide range of options are available when it comes to combining door leaves and frame variants in the various door thicknesses and rebate configurations on offer. Choosing the right one requires consideration of the functions of the door sets themselves, but also the technical requirements on site and, last but not least, the aesthetic expectations.

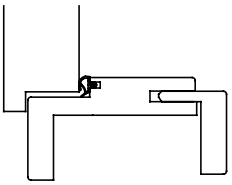
For some functions, the door leaves and frames always need to be ordered from the same manufacturer. In addition to the wooden lining frames shown here, all the Types listed below are also available with a steel frame or a block frame.



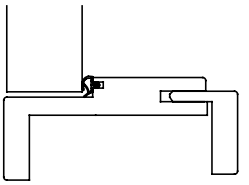
TYPE 40/TYPE 43
Door set Type 40/Type 43,
Door thicknesses approx. 40-45 mm
With wooden lining frame,
standard rebate



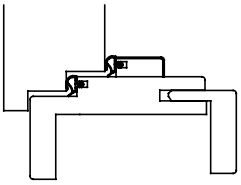
TYPE 40/TYPE 43
Door set Type 40/Type 43,
Door thicknesses approx. 40-45 mm
With wooden lining frame,
flush closing



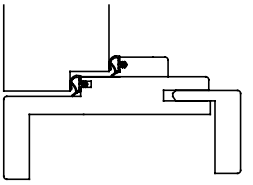
TYPE 50
Door set Type 50,
Door thicknesses approx. 50-52 mm
With wooden lining frame,
single rebate



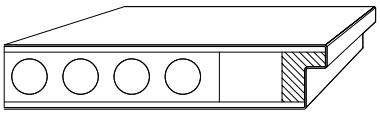
TYPE 50
Door set Type 50,
Door thicknesses approx. 50-52 mm
With wooden lining frame,
flush closing



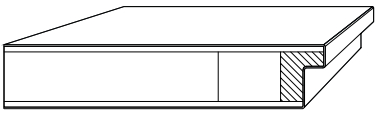
TYPE 65/TYPE 71
Door set Type 65/71,
Door thicknesses approx. 67-73 mm
With wooden lining frame,
double-rebate



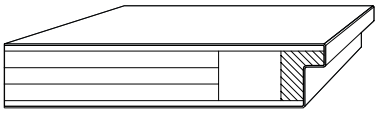
TYPE 65
Door set Type 65,
Door thicknesses approx. 67-69 mm
With wooden lining frame,
butt joint with flush-rabate



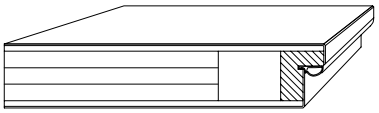
TYPE 40, DOOR THICKNESS APPROX. 40 MM
Tubular chipboard door
Damp room door with tubular chipboard
Wet room door with tubular chipboard



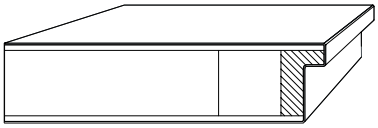
TYPE 40, DOOR THICKNESS APPROX. 40 MM
Solid chipboard door
Fire prevention door T30 (EI30)
Smoke protectiondoor RS (S200)
Burglary prevention door RC2
Soundproof door SK27/1
Damp room door with solid chipboard
Wet room door with solid chipboard



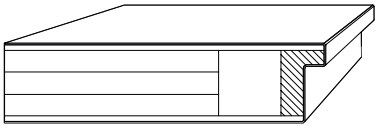
TYPE 40, DOOR THICKNESS APPROX. 40 MM
Burglary prevention door RC2
Soundproof door SK32/2



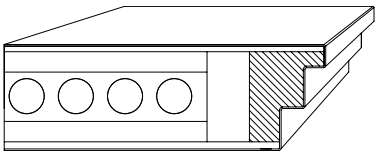
TYPE 43, DOOR THICKNESS APPROX. 43 MM
Fire prevention door T30 (EI30)
Smoke protection door RS (S200)
Burglary prevention door RC2
Soundproof door SK37/3
Wet room door



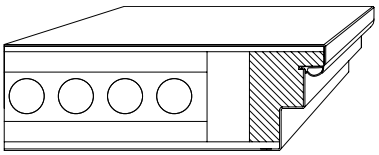
TYPE 50, DOOR THICKNESS APPROX. 50 MM
Solid chipboard door
Fire prevention door T30 (EI30)
Smoke protection door RS (S200)
Burglary prevention door RC2
Soundproof door SK27/1



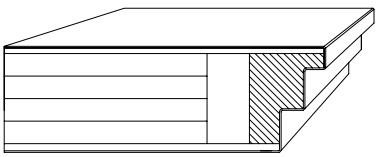
TYPE 50, DOOR THICKNESS APPROX. 50 MM
Fire prevention door T30 (EI30)
Smoke protection door RS (S200)
Burglary prevention door RC2
Soundproof door SK32/2
Soundproof door SK37/3



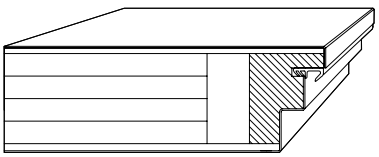
TYPE 65, DOOR THICKNESS APPROX. 67 MM
Fire prevention door T30 (EI30)
Smoke protection door RS (S200)
Burglary prevention door RC2
Burglary prevention door RC3
Soundproof door SK37/3



TYPE 65, DOOR THICKNESS APPROX. 67 MM
Fire prevention door T30 (EI30)
Smoke protection door RS (S200)
Burglary prevention door RC2
Burglary prevention door RC3
Soundproof door SK40/3.5



TYPE 65, DOOR THICKNESS APPROX. 67 MM
Fire prevention door T90 (EI90)
Smoke protection door RS (S200)
Burglary prevention door RC2
Soundproof door SK27/1
Soundproof door SK32/2



TYPE 71, DOOR THICKNESS APPROX. 71 MM
Burglary prevention door RC2
Burglary prevention door RC3
Soundproof door SK42/4

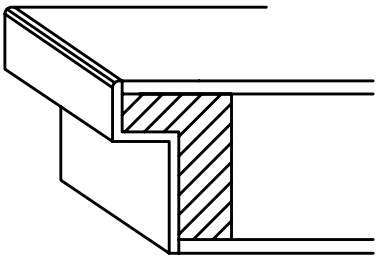
EDGE

The role of edges is not to be underestimated in determining whether a door fulfils all the functional and aesthetic requirements. The best combination of frame construction and door edge will depend on the usage frequency, application area and design concept.

FRAME STRUCTURES

ProEdge

ProEdge is the new impact-resistant yet visually appealing frame structure in our edge range. It complements our new FENIX NTM surfaces with colour-coordinated edges.

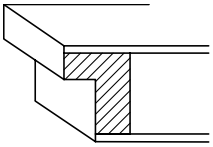


FENIX DOORS FX 0718 NTM Grigio Londra, ProEdge NCS S 5502-Y (FX 0718)

At a glance

- **Edge impact resistance S according to RAL-GZ 426 for Homapal, FENIX DOORS, Getalit and Portalit**
- **Robust, particularly impact resistant and insensitive to dirt**
- **16 decors, including all FENIX NTM colours of the FENIX DOORS collection**
- **Many rebate geometries from flush closing and standard rebate to double rebate**
- **For every function such as fire prevention and burglary prevention**
- **Door thicknesses from 40 mm to 71 mm**

ADDITIONAL FRAME STRUCTURES



Rebate edge coating
- For door elements without visible joints
- Available with matching decors for many surfaces, door leaf thicknesses and rebate configurations
- Especially suitable for living spaces and low-wear public spaces

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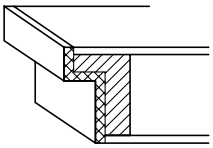
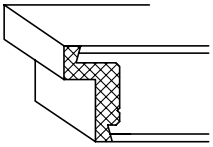


PU-Edge
- Moisture- and impact-resistant
- Non-porous, biologically sound design for high hygiene standards
- Standard range with six colours, additional colours (RAL, NCS) possible
- Suitable for heavy use, e.g. in hospitals



Plastic surface-mounted edging
- Highly stable and moisture-resistant, repair possible
- Three standard colours, additional selection of single colours available
- Especially suitable for wet and humid rooms, particularly in public spaces

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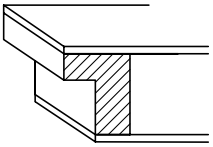

Frame wood
- High-quality solid wood construction visually accentuates the technology of the door structure
- Refinishing possible
- Six types of wood: maple, beech, oak, ash, light and red hardwoods

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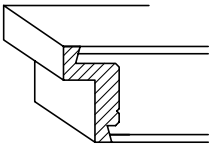


Exposed lipping made of wood
- Uniform, elegant look in solid wood
- Easy to refinish, if necessary
- Six types of wood: maple, beech, oak, ash, light and red hardwoods

FRAME STRUCTURES

TYPE OF DOOR

Version	Type of door										
	Type 40		Type 43		Type 50		Type 65		Type 71	Number of edges	
	Standard rebate	Flush closing	Standard rebate	Flush closing	Single rebate	Flush closing	Double-rebate	Butt joint with flush-rebate	Double-rebate	2 sided	3 sided
Rebate edge coating	●	●	●	●	●	●	●	●	●		●
ProEdge	●	●	●	●	●	●	●	●	●		●
PU-Edge	●	●	●	●	●	●					●
Plastic surface-mounted edging	●	●	●	●	●	●				●	●
Frame wood	●	●	●	●	●	●	●	●	●		●
Exposed lipping made of wood	●	●	●	●	●	●				●	●

SURFACES AND FRAME STRUCTURES

Version	Surfaces								
	Homa-pal	FENIX NTM	FENIX NTA	Getalit Basic	Getalit Trend	Porta-lit	Westalack Premium	Westalack Soft	Westalack Smart
Rebate edge coating		●		●	o	●	●	●	●
ProEdge	o	●	o	o	o	o			
PU-Edge	o	o	o	o	o				
Plastic surface-mounted edging		o		o	o				
Frame wood	o	o	o	o	o				
Exposed lipping made of wood		o		o	o				

● = colour-coordinated o = technically feasible (not in all cases colour-matching)

FUNCTIONS AND AREAS OF APPLICATION

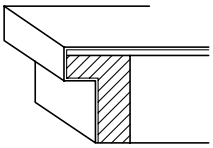
Version	Application areas/functions					Recommendation for application areas				
	Interior/Object	Soundproofing	Fire prevention/ Smoke protection	Damp and wet room	Radiation protection	Living	Healthcare	Education	Hospitality	Office
Rebate edge coating	●	●	●	●	●	●			●	●
ProEdge	●	●	●	●	●	●	●	●	●	●
PU-Edge	●	●	●[1]	●			●	●		
Plastic surface-mounted edging	●	●		●			●	●	●	
Frame wood	●	●	●		●	●		●	●	●
Exposed lipping made of wood	●	●	●			●		●	●	●

[1] only type 43

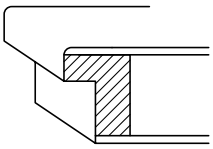
EDGE IMPACT RESISTANCE

Version	Edge impact resistance acc. to RAL GZ 426 1.4			
	N normal	**M** medium	**S** strong	**E** extreme
ProEdge			●	
PU-Edge				●
Plastic surface-mounted edging		●		
Frame wood			●	
Exposed lipping made of wood			●	

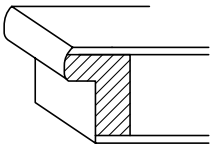
DOOR EDGE OPTIONS



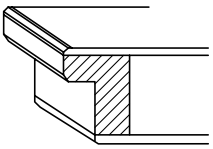
Rectangular edge
The simplest edge style accentuates a timeless, minimalistic design. This edge is available for all rebate konfigurations and door constructions.



Postforming round edge
Postformed edges are particularly dirt-resistant, thanks to the seamless transition between the surface and the edge. This edge is available for flush closing doors type 40/type 43 up to a size of 2110 x 985 mm.



Segmental arch edge
The segmental arch edge is characterised by a soft transition between the surface and the edge. This edge is available for rebated doors type 40/type 43 up to a size of 2110 x 985 mm.



Soft edge
The two-millimetre bevelled edge is often used in pre-schools and nursing homes, in accordance with accident prevention and insurance requirements, to minimise the risk of injury. This edge is available for flush closing doors and rebated doors type 40/type 43/type 50.

DOOR EDGE OPTIONS FOR SURFACES AND DESIGNS

Version		Rectangular edge	Postforming round edge	Segmental arch edge	Soft edge
Surfaces	Homapal	●			
	FENIX NTM	●			
	FENIX NTA	●			
	Getalit	●			●
	Portalit	●	●		
	Dekorit*	●	●		
	Westalack Premium	●		●	
	Westalack Soft	●	●		
	Westalack Smart	●	●		
Design	View	●	●	●	
	Westaline	●		●	
	Velvet Line	●	●		
	Lineo	●	●	●	
	Provence	●		●	
	Bretagne	●		●	
	Piemont	●	●		

* DEC 11 and DEC 44 not available as round edge

LOCKS

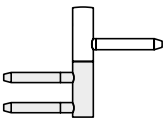
For simple interior doors, Class 1 single-point locks are often the standard – but the spectrum of available options ranges all the way up to technically and visually sophisticated variants with slam locks and magnets for quiet closing. For apartment doors with RC2 and RC3 Burglary prevention classification, locks with swing bolts and 3 or even 5-point locks provide greater security.

For property and functional doors, the choice is almost endless, with special lock variants available for Fire prevention, wet rooms and radiation protection purposes. Locks for doors on emergency exit routes, constructions with double-leaf doors, and sliding doors also require highly specific designs.

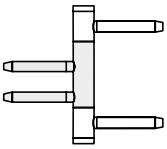
HINGES

Door hinges can add a twist of their own to the design of a door set, especially when combined with handles. The material qualities and colour of these fitting parts should match one another, and ideally the finish of the door and frame, too. Like handles, most people will usually choose silver-finish or stainless-steel hinges. However, black variants are becoming increasingly popular, and completely individual colouring is also possible for properties. When door sets need to meet high expectations in terms of design even when open, concealed hinges are often used instead of visible ones.

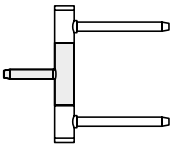
HINGES FOR WOODEN FRAMES, REBATED



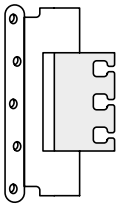
V 3420 WF



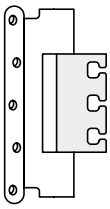
V 4426 WF



V 4726 WG 70*

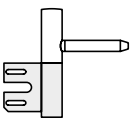


VX 7939/160 18-3

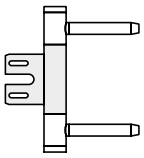


VX 7939/160

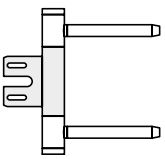
HINGES FOR STEEL FRAMES, REBATED



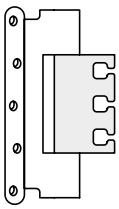
V 8120 WF



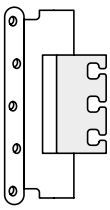
V 8026 WF



V 8026 WG 70*



VX 7939/160 18-3

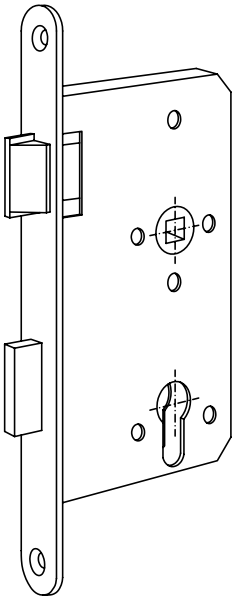


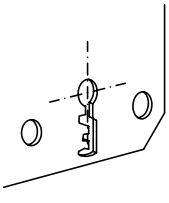
VX 7939/160

* For Fire prevention and Burglary prevention applications, other, heavy hinge cages are used.

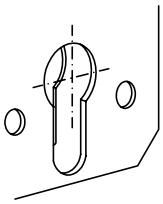
Hinge (door) Frame section (frame)

Similar hinges are also available in addition to the types specified here.

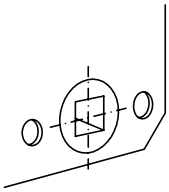




Warded Lock
(BB)



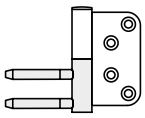
Lock PC
(PZ)



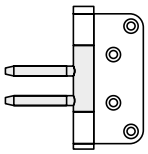
Bathroom lock
(BAD)

The range of options available for this is just as huge as it is for locks. Here too, the component needs to be able to meet a wide range of requirements for domestic use and – in the case of technical doors – provide a number of different functions. Whatever your application, we recommend always using hinges with 3D adjustment, as these provide the perfect conditions in terms of stability, durability, ease of installation, and post-installation adjustment. Below is a selection of our hinges, grouped by whether they are rebated or flush closing and whether they are designed for combination with wooden lining or steel frames.

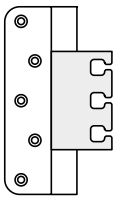
HINGES FOR WOODEN FRAMES, FLUSH CLOSING



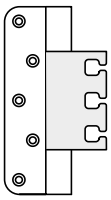
V 3480



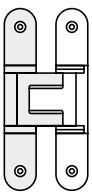
V 4487 WF



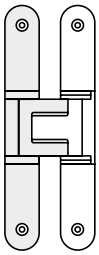
VX 7729/160 18-3



VX 7729/160

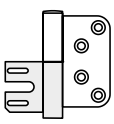


Tectus
TE 340 3D

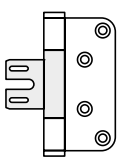


Tectus
TE 540 3D

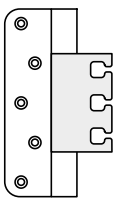
HINGES FOR STEEL FRAMES, FLUSH CLOSING



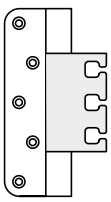
V 8180 WF



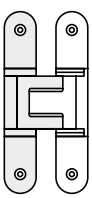
V 8087 WF



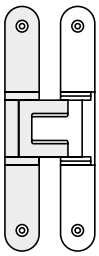
VX 7729/160 18-3



VX 7729/160



Tectus
TE 340 3D



Tectus
TE 540 3D

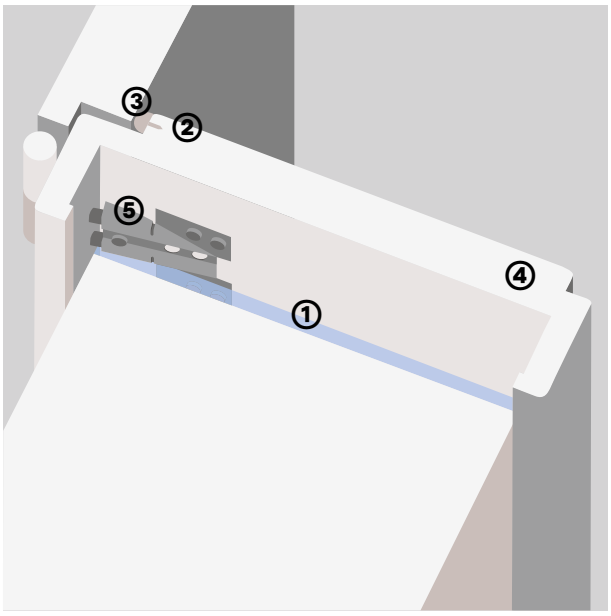
Hinge (door) Frame section (frame)

Similar hinges are also available in addition to the types specified here.

FRAMES

NEW FRAME STRUCTURE

When it comes to installing door frames, a few millimetres in the wall opening can quickly create a lot of additional work. That's why we created our new frame structure – for extra fitting allowance with the same, tried-and-tested stability.



Optimised frame structure with new, bevelled, screw-on hinge slot

① Fitting allowance
② Rebate width
③ Seal
④ Jamb plate
⑤ Screw-on hinge slot

OPTIMISED REBATE GEOMETRY

- ① Fitting allowance increased by up to 4 mm by adjusting the ② rebate width from 11 to 13 mm
- ③ Seal mounted deeper on the door surface for lower transparency and permeability
- Sturdy ④ jamb plate: high durability and rigidity thanks to 25 mm thickness

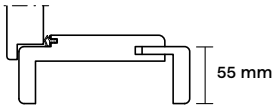
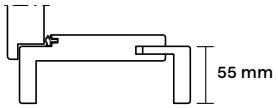
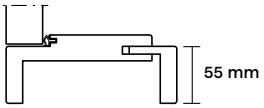
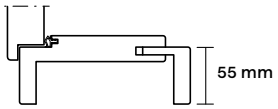
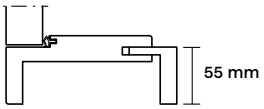
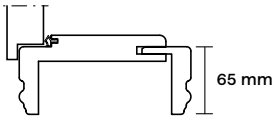
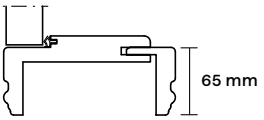
BUILT-IN SCREW-ON HINGE SLOT FOR APPROVED DOOR FRAMES

- Bevelled shape for optimised mounting
- Higher strength: suitable for doors up to 100 kg

The tried-and-tested, built-in cup hinge slot is also available exclusively as an optimised frame structure with additional fitting allowance.

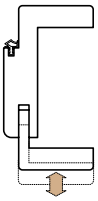
WOODEN LINING FRAMES

Wooden lining frames in all conventional wall thicknesses, with architrave widths up to 100 mm and in a wide range of designs, from traditional to modern.

REBATED	FLUSH CLOSING	
		**Wooden frame, standard, rounded (Type SL)** Suitable for doors with rectangular or round edges. Also available with architrave widths of 50, 65, 70, 80, 90 and 100 mm for Getalit, Portalit, Dekorit and Westalack.
		**Wooden frame, slightly rounded (Type SE)** With small radius – for both rectangular and round door edges. Also available with architrave widths of 50, 65, 70, 80, 90 and 100 mm for Getalit, Portalit and Westalack.
		**Wooden frame, rectangular edges (Type EK)** Straight-edged variant especially suited to use with rectangular edges. Also available with architrave widths of 50, 65, 70, 80, 90 and 100 mm for FENIX and Getalit.
		**Wooden frame P1, profiled (Type P1)** Profile frame suitable for use with chalet doors like 'Provence'. Available in Westalack Classic White finish (sim. to RAL 9010), for Westalack Premium.

CALCULATING FRAME DIMENSIONS

How big does your frame need to be? Exactly the right size – every time. The table below will help you calculate the right size for your order.



REBATED CLOSING

Size to be ordered (mm)		65	70	80	100	125	145	165	185	205	225	240	270	290	310	330[1]
Adjustment range	From	65	70	80	100	121	141	161	181	201	221	236	266	286	306	326
	To	75	80	96	116	141	161	181	201	221	241	256	286	306	326	346

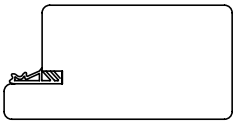
FLUSH CLOSING

Size to be ordered (mm)		80	100	125	145	165	185	205	225	240	270	290	310	330[1]
Adjustment range	From	80	100	121	141	161	181	201	221	236	266	286	306	326
	To	90	116	141	161	181	201	221	241	256	286	306	326	346

[1] Available for wall thicknesses up to 590 mm

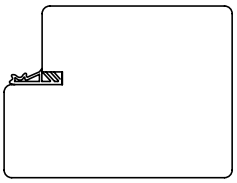
BLOCK FRAMES

Wooden block frames offer the perfect designer twist for a variety of profiles and species of wood, and can also solve a wide range of wall issues. The available options range from premium-quality solid-wood structures for perfect, wall-flush variants to very simple designs for prefab renovations. In addition to the designs shown here, custom options are often also available as a tailor-made solution for specific building requirements.



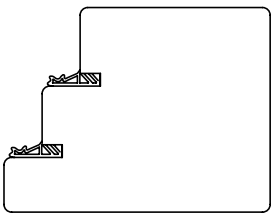
BR45
Block frame, cross section approx. 45 x 80 mm
Installation in front of wall (in-wall available on request, depending on function) for door thicknesses approx. 40 – 45 mm with standard rebate

Functions/constructions
Fire prevention T30 (EI30) – Type 40/43
Smoke protection RS (S200) – Type 40/43
Burglary prevention RC2 – Type 40/43
Soundproofing SK27/1, SK32/2, SK37/3 – Type 40/43
Tubular chipboard – Type 40
Solid chipboard core – Type 40



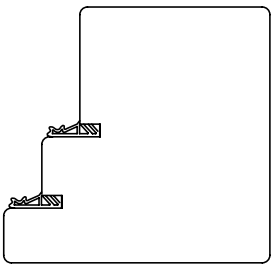
BR68
Block frame, cross section approx. 68 x 80/90 mm
In-wall installation approx. 68 x 80 mm
Installation in front of wall approx. 68 x 90 mm
For door thicknesses approx. 40 – 73 mm with range of rebate configurations

Functions/constructions
Fire prevention T30 (EI30) – Type 40/43, 50, 65
Smoke protection RS (S200) – Type 40/43, 50, 65
Burglary prevention RC2, RC3 – Type 40/43, 50, 65
Soundproofing SK27/1, SK32/2, SK37/3 – Type 40/43, 50, 65
Tubular chipboard – Type 40
Solid chipboard core – Type 40, 50



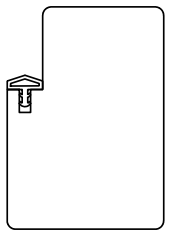
BR75
Block frame, cross section approx. 75 x 80/95 mm
In-wall installation approx. 75 x 80 mm
Installation in front of wall approx. 75 x 95 mm
For door thicknesses approx. 40 – 67 mm with range of rebate configurations

Functions/constructions
Fire prevention T30 (EI30) – Type 40/43, 50, 65
Smoke protection RS (S200) – Type 40/43, 50, 65
Burglary prevention RC2, RC3 – Type 40/43, 50, 65/71
Soundproofing SK37/3, SK40/3,5, SK42/4 – Type 40/43, 50, 65/71



BR95
Block frame, cross section approx. 95 x 80/95 mm
In-wall installation approx. 95 x 80 mm
Installation in front of wall approx. 95 x 95 mm
For door thicknesses approx. 65 – 67 mm with range of rebate configurations

Functions/constructions
Fire prevention T30 (EI30) – Type 65
Smoke protection RS (S200) – Type 65
Burglary prevention RC2, RC3 – Type 65
Soundproofing SK37/3



BR78
Block frame, cross section approx. 78 x 55 mm
Primarily for use in domestic or simple property applications with option for fanlights and glazed side panels
In-wall installation approx. 78 x 55 mm for door thicknesses approx. 40 mm with standard rebate

Functions/constructions
Soundproofing SK27/1 – Type 40
Tubular chipboard – Type 40
Solid chipboard core – Type 40

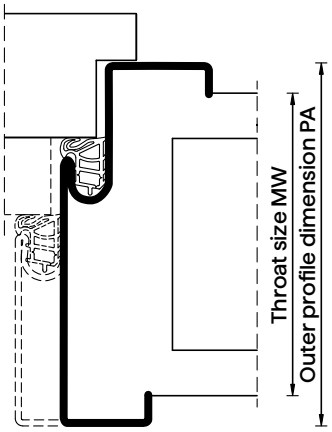
STEEL FRAMES

With their highly sturdy construction and excellent durability, steel frames are the perfect choice for many public spaces, especially combined with wooded doors. The frame's service life can even be significantly enhanced with details such as an increased sheet thickness (2.0 instead of 1.5 mm) and reinforcement in the lockbolt and latch areas – particularly useful for barracks, schools and other public buildings.

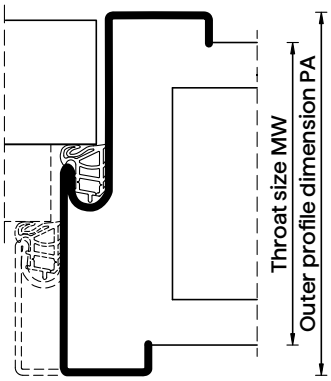
Galvanized/protection-primed frames are either coated on site or powder-coated prior to delivery so your construction can move onto the next phase much quicker and more easily. Depending on your technical and visual requirements, our V2A and V4A stainless steel frames may also present a useful alternative.

STEEL FRAMES IN SOLID WALLS SZ-M

Standard rebate/double rebate

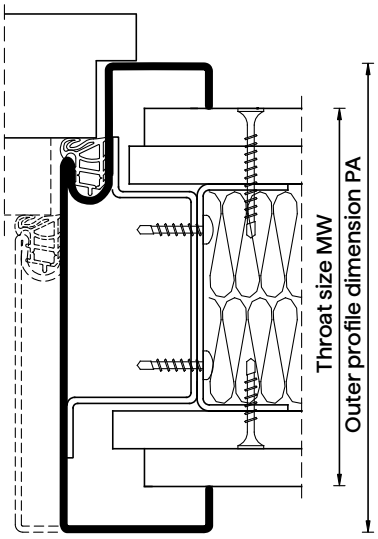


Flush closing/butt joint with flush-rebate

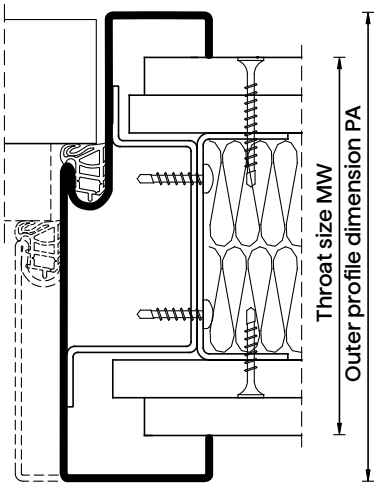


STEEL FRAMES IN LIGHTWEIGHT WALLS SZ-L

Standard rebate/double rebate

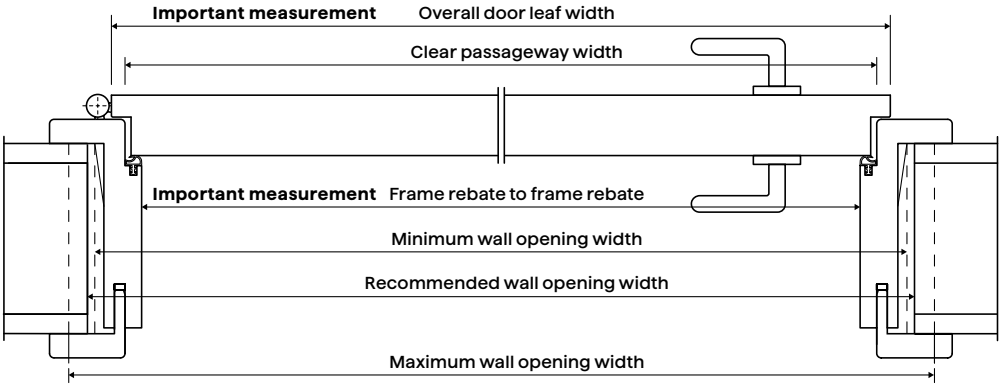


Flush closing/butt joint with flush-rebate

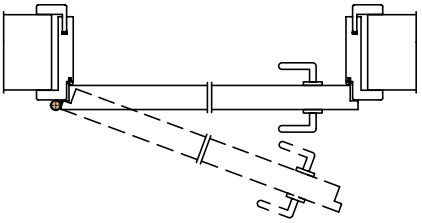


TECHNICAL TERMS

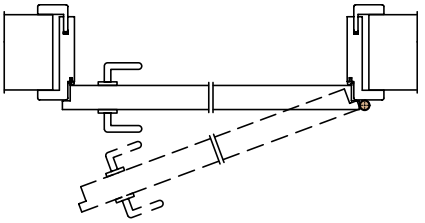
DOOR DIMENSIONS



DIRECTIONS FOR DOORS ACCORDING TO DIN

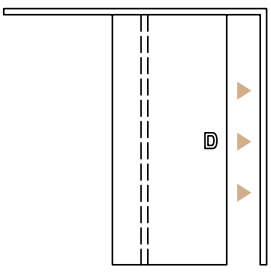


DIN direction left
The hinges are on the lefthand side when the door is closed.

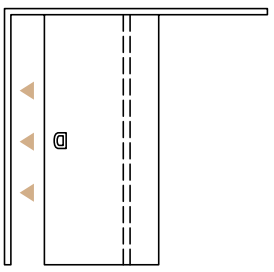


DIN direction right
The hinges are on the righthand side when the door is closed.

DIN DIRECTIONS FOR SLIDING DOORS



DIN direction right



DIN direction left

The following applies to sliding doors: DIN direction = closing direction

DIMENSIONS FOR DOORS AND FRAMES

DIN DIMENSIONS FOR DOORS AND FRAMES

	Door leaf size (rebated)	Door leaf size (flush closing)	Minimum wall opening	Recommended wall opening	Maximum wall opening[1]
Width in mm (for wooden frames)	610	584	635	650	680
	735	709	760	775	805
	860	834	885	900	930
	985	959	1010	1025	1055
	1110	1084	1135	1150	1180
	1235	1209	1260	1275	1350
Height in mm (for wooden frames)	1985	1972	2005	2010	2025
	2110	2097	2130	2135	2150
	2235	2222	2255	2260	2275
	2360	2347	2380	2385	2400
	2485	2472	2505	2510	2525

Independent of the DIN dimensions specified in the table on the left, we can manufacture doors in almost every size up to 2485 x 1290 mm.

For most Design and country house doors, sizes up to 2110 x 985 mm are available. For doors with non-standard sizes, the profiles are kept constant and the lateral surfaces are matched to the required size.

DIN DIMENSIONS FOR DOORS AND FRAMES

	Door leaf size (rebated)	Door leaf size (flush closing)	Minimum wall opening	Recommended wall opening	Maximum wall opening[1]
Width in mm (for wooden frames)	650	624	675	690	720
	700	674	725	740	770
	750	724	775	790	820
	800	774	825	840	870
	850	824	875	890	920
	900	874	925	940	970
	950	924	975	990	1020
Height in mm (for wooden frames)	2015	2002	2035	2040	2055
	2030	2017	2050	2055	2070
	2115	2102	2135	2140	2155

[1] Does not apply to fire prevention

RECOMMENDED USES

A compact guide to help you choose the right door. All Westag doors bear the RAL seal of quality for products manufactured in compliance with these high, standardised quality criteria.

INTERIOR DOORS

	Recommended uses in acc. with RAL-GZ 426	Apartment door	Interior door	Bathroom/toilet door
Hygrothermal load (prev. "Climate class") 1-1	Climate class I/2(f)/2(a)		●	●
	Climate class II/2(g)/2(b)			
	Climate class III/2(c)	●		
Mechanical load (prev. "duty group") 1-2	N normal		●	●
	M medium			
	S high	●		
	E extreme			
Surface resistance 1-3	N normal	●	●	●
	M medium			
	S high			
Edge impact resistance 1-4	N normal		●	●
	M medium	●		
	S high			
	E extreme			
Damp/wet room door leaves 1-5	Damp room			●[2]
	Wet room			
Soundproofing	in accordance with DIN 4109	SK27/1, SK32/2, SK37/3		
	in accordance with DIN 4109-5	SK32/2, SK37/3, SK40/3,5, SK42/4		
Burglary prevention	in acc. with DIN EN 1627-1630 by load	RC2		

OBJECT DOORS

	Recommended uses in acc. with RAL-GZ 426	Kindergartens, hospitals, hotel rooms	Classrooms, hostels, barracks	Training rooms, consulting rooms, administration	Commercial kitchens, canteens, labs, bathrooms/toilets
Hygrothermal load (prev. "Climate class") 1-1	Climate class I/2(f)/2(a)				
	Climate class II/2(g)/2(b)	●	●	●	●
	Climate class III/2(c)			●[2]	
Mechanical load (prev. "duty group") 1-2	N normal				
	M medium			●	
	S high	●			●
	E extreme		●		●[2]
Surface resistance 1-3	N normal				
	M medium	●	●	●	
	S high				●
Edge impact resistance 1-4	N normal				
	M medium			●	
	S high	●	●	●[2]	●
	E extreme		●[2]		●[2]
Damp/wet room door leaves 1-5	Damp room	●[2]	●[2]		●
	Wet room				●[2]
Soundproofing	in accordance with DIN 4109	SK32/2, SK37/3	SK32/2	SK32/2, SK37/3	
	in accordance with DIN 4109-5	SK37/3, SK40/3,5, SK42/4	SK37/3	SK40/3.5, SK42/4	
Burglary prevention	in acc. with DIN EN 1627-1630 by load				

N: Normal load, M: Medium load,
S: Heavy load, E: Extreme load

[1] See DIN SPEC 18105 – 9/2019 Apartment doors
[2] Selection based on expected load

THERMAL INSULATION

The heat transfer coefficient (U value) indicates the amount of heat lost between two rooms. The lower the figure, the better the thermal insulation.

Doors with a low U_D value help to conserve energy, and are the perfect choice for separating heated and non-heated rooms, e.g. a living area and a basement. The thermal insulation characteristics of a door set depend on the thickness of the door leaf, the materials installed in it, the frame, and the number and design of the seals.

	Door design/thickness	Heat transfer coefficient
Living space/object	Doors with tubular chipboard core ROE-40	U_D = 2.00 W/(m²K)
	Doors with solid chipboard core VSP-40	U_D = 1.80 W/(m²K)
	Doors with solid chipboard core Solid core-50	U_D = 1.60 W/(m²K)
	Energy-saving door ECO-40	U_D = 1.00 W/(m²K)
Fire prevention	T30(EI30)-40	U_D = 1.80 W/(m²K)
	T30(EI30)-43	U_D = 1.70 W/(m²K)
	T30(EI30)-50	U_D = 1.60 W/(m²K)
	T30(EI30)-65	U_D = 1.20 W/(m²K)
	T90(EI90)-65	U_D = 1.20 W/(m²K)
Smoke protection	RS(S200)-40	U_D = 1.80 W/(m²K)
	RS(S200)-43	U_D = 1.70 W/(m²K)
	RS(S200)-50	U_D = 1.60 W/(m²K)
	RS(S200)-65	U_D = 1.20 W/(m²K)
Burglary prevention [3]	RC2-40 (SK27/1)	U_D = 1.80 W/(m²K)
	RC2-40 (SK32/2)	U_D = 1.80 W/(m²K)
	RC3-65	U_D = 1.30 W/(m²K)
Soundproofing	Class SK27/1-40	U_D = 1.80 W/(m²K)
	Class SK27/1-50	U_D = 1.60 W/(m²K)
	Class SK32/2-40	U_D = 1.80 W/(m²K)
	Class SK32/2-50	U_D = 1.60 W/(m²K)
	Class SK37/3-43	U_D = 1.70 W/(m²K)
	Class SK37/3-50	U_D = 1.60 W/(m²K)
	Class SK37/3-65	U_D = 1.20 W/(m²K)
	Class SK40/3.5-65	U_D = 1.20 W/(m²K)
	Class SK42/4-71	U_D = 1.30 W/(m²K)
Damp room	Doors with tubular chipboard core (ROE)	U_D = 2.00 W/(m²K)
	Doors with solid chipboard core (VSP)	U_D = 1.80 W/(m²K)
Wet room	NR-40 (without wood)	U_D = 0.72 W/(m²K)
	NR-40 tubular chipboard core (ROE)	U_D = 2.00 W/(m²K)
	NR-40 solid chipboard core (ROE)	U_D = 1.80 W/(m²K)
Radiation protection	ST-40 Lead equivalent 1 mm	U_D = 1.80 W/(m²K)
	ST-40 Lead equivalent 1.5 mm	U_D = 1.80 W/(m²K)
	ST-40 Lead equivalent 2 mm	U_D = 1.80 W/(m²K)
Exterior door	Portal-S-56	U_D = 1.10 W/(m²K)
	Portal-S-69	U_D = 1.00 W/(m²K)

[3] For more information on heat transfer coefficients by construction, see "Soundproofing"

DOOR FUNCTIONS

FIRE PREVENTION

Standard: DIN 4102 or DIN EN 16034 product standard, DIN EN 1634-1 test standard fire prevention doors

E = Room closure
I = Thermal insulation
C = Self-closing
in continuous testing
(C_5 corresponds to 200,000 closes)

- $EI_2 30\text{-}C_5$ = 30 min (fire retardant)
- $EI_2 60\text{-}C_5$ = 60 min (highly fire retardant, use in export)
- $EI_2 90\text{-}C_5$ = 90 min (fire resistant)

Requirements for fire-resistant doors:

- Self closing
- Compliance with the fire requirements laid out in the standard
- Reliable functionality and maintenance over a long period
- According to German Certification full door set including frame and hardware must be supplied by the manufacturer (i.e., door leaf, frame, closers, hinges, locks, and handles). Regulations may differ in other countries.

SMOKE PROTECTION

Standard: DIN 18095 or DIN EN 16034 product standard,
DIN EN 1634-3 test standard smoke control doors
C = Self-closing in continuous testing
(C_5 corresponds to 200,000 closes)
S = seal
(S_{200} corresponds to smoke tightness at 200°C)
S_{200}- C_5 (smoke tight)

Requirements for smoke-resistant doors:

- Self closing (door closer)
- Reliable functionality and maintenance over a long period
- Full fireproof door set including the leaf and hardware must be supplied by the manufacturer (i.e., door leaf, frame, closers, hinges, locks, handles, sealants including frame hinge seals and retractable floor seals, and threshold joint sealing)

BURGLARY PREVENTION

Standard:: DIN EN 1627-1630

	Classes of resistance in acc. with DIN EN 1627	Classes of resistance in acc. with DIN V ENV 1627	Time of resistance in minutes
Correlation table with resistance classification in agreement with DIN EN 1627: 2011-09	RC1 N	– [1]	no manual testing
	RC2 N	WK 2 [2]	3
	RC2	WK 2	3
	RC3	WK 3	5
	RC4	WK 4	10
	RC5	WK 5	15
	RC6	WK 6 [3]	20

[1] No classification, as testing requirements have been increased.
[2] The resistance class WK 2 is generally suitable for the correlation of the resistance class RC 2 N, but the glazing can be agreed freely.
[3] Supplementary test with a splitting hammer according to DIN EN 1630:2011-08.

SOUNDPROOFING

Standard: DIN 4109

		Classes	DIN 4109	Requirements required reference value (Rw,R)	Detection reference value (Rw,P)
Basic soundproofing classes as per DIN 4109	SK27[1]	1	27	≥ 27 dB	≥ 32 dB
	SK32[2]	2	32	≥ 32 dB	≥ 37 dB
	SK37[3]	3	37	≥ 37 dB	≥ 42 dB
increased soundproofing as per DIN 4109-5[4]	SK40	3,5	40	≥ 40 dB	≥ 45 dB
	SK42	4	42	≥ 42 dB	≥ 47 dB

Requirements acc. to DIN 4109
[1] Entrance doors to apartments (with internal corridor, standard property insert classroom doors)
[2] Hotel and hostel rooms, and hospital rooms
[3] Entrance doors to apartments (without internal corridor, hostels, hospitals)
[4] To be agreed in the building contract

DAMP ROOM

Standard: RAL-GZ 426 Teil 1-5, DIN EN 16580

Evaluation criteria for damp room door with 48 test cycles:

- 0.5 min Spray phase
- 29.5 min Drying phase
- Water temperature 20°C
- Showering 500 mm from lower edge of door leaf

Requirements:
- The full door set including hardware must be corrosion resistant
- Frame: Damp room frame

WET ROOM

Standard: RAL-GZ 426, DIN EN 16580 (splash water resistant)

Evaluation criteria for wet room door with 96 test cycles:

- 4 min Spray phase
- 26 min Drying phase
- Water temperature 30° C
- Showering 1500 mm from lower edge of door leaf

Requirements:
- Corrosion resistant hardware
- Frame: High-grade steel frame

RADIATION PROTECTION

Standard: as per DIN 6834

Requirements for radiation-resistant doors:
- X-ray protection
- Lead foil all over the opening and closing area
- From weakness equivalent (lipping) 2.0 mm: Radiation protection lock with 2 half cylinders
- Glass opening with lead glazing and lead-backed beads
- Lead-lined door frame

Colour deviations of decor images are possible for printing reasons. RAL/NCS specifications are approximations of the colour systems and may deviate depending on the surface finish. Most of the decor illustrations are shown in reduced scale. Subject to technical changes and changes in the product range.

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2-847 039 06.2023

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