

werzalit®
since 1923.

NEW!

selekta REFINE now also
in fire protection class
Euroclass B-s2,d0 available

Newly developed process
for ultimate UV resistance.
new.

Facade systems
Facades for generations



www.werzalit.com



WERZALIT

What began in 1923 as a small company manufacturing glue has developed into a global brand over the decades. Inspired by the cooperation with wood processing companies, company founder Jakob Friedrich Werz came up with the idea of improving the natural material wood and making it more versatile: He pressed wood chips with glutin glue. He constantly perfected processes and recipes until he succeeded in developing a revolutionary process in the mid-1950s - and WERZALIT was born.

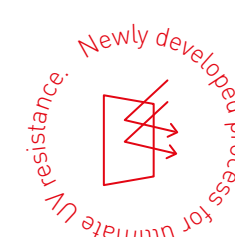
WERZALIT is a tried-and-tested, extremely hard-wearing composite material with a consistently uniform material structure that is also biodegradable. Its versatility, problem-free processing and durability have made WERZALIT the epitome of wood-based materials. WERZALIT combines high functionality with ecological aspects and emotions.

And has done it for over 100 years.



PEFC/04-31-1282

www.pefc.co.uk



selekta Maximum durability

With WERZALIT selekta REFINE facade profiles with optimal design and impressive colours, you can create future-proof and flexible facades according to your individual taste.

selekta REFINE combines a system from HPL (high pressure laminate) production that has been tried and tested for decades with a newly developed production process. This combination enables innovative facade designs with the best UV- resistance, durability and the lowest maintenance costs.



WERZALIT advantages at a glance

- Extremely weather-resistant and UV-stable
- Almost maintenance-free
- Easy to work with
- Fast, economical installation
- 10-year guarantee
- PEFC-certified and 100% recyclable
- Made in Germany

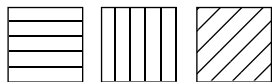
The facade in strips

The selekta REFINE & selekta ALU facade profile offers almost unlimited design options. The profiles can be laid vertically, horizontally, diagonally or – by using a special clamp attachment – with the classic weatherboarding effect. And they can be combined with other facade systems.

Even more possibilities

Thanks to the large selection of colours and decorative styles, you can design your individual facade. The facade profiles stand for longevity, UV and weather resistance. The maintenance effort is low.

Easy to work with.
Versatile assembly.



At a glance

Technology built to last

Two systems that have been tried and tested for decades have been reunited in selekta REFINE. This endless experience inspires confidence and guarantees longevity.

Fast & flexible

The fact that the facade profiles are easy to work with and can be installed on well-known substructure systems saves valuable time and money. selekta is ideal for combining with other facade systems.

Protection & the environment

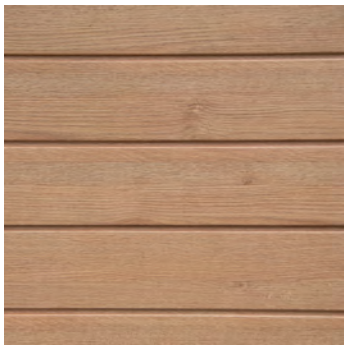
selekta protects your building for the long-term. The long service life and virtually maintenance-free surface benefit both the building owner and our environment.

Sustainable

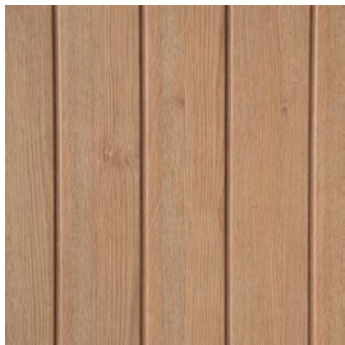
selekta REFINE is made exclusively from renewable materials.

Timelessly unique

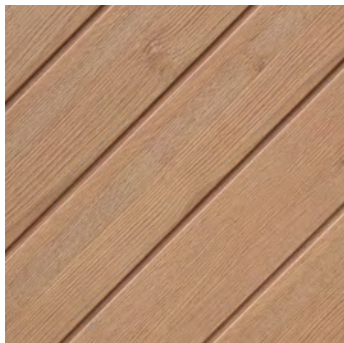
Our finishes are timeless, and lend your building an incomparable aesthetic. In addition to the standard colours, almost all RAL shades are available on request.



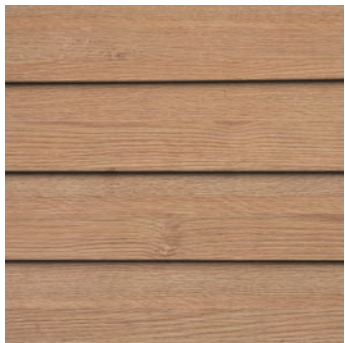
Installed horizontally



Installed vertically



Installed diagonally



Weatherboarding

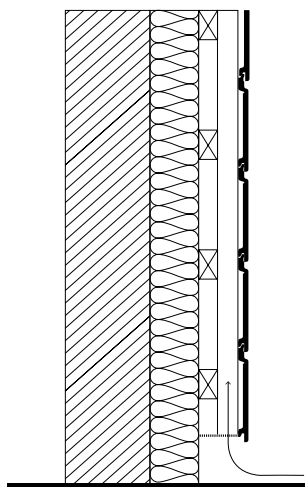


The WERZALIT climate facade

As a veil-like, rear-ventilated facade, selekta REFINE provides long-term protection for buildings from the effects of weather and noise. Thermal insulation and facade cladding are structurally separate from each other, with a ventilation space in between.

Moisture from construction and usage is removed and the facade is kept dry, which guarantees a long service life. Veil-like, rear-ventilated facades are suitable for a wide variety of building types, for office and commercial buildings as well as for single and multi-family houses.

Adapted to the building, selekta REFINE offers almost unlimited design options for the most modern and visually appealing facades.





Our materials

selekta REFINE is made from the WERZALIT wood-based material and consists of machined fresh wood, mainly beech and pine. The chips are inseparably pressed with the specially coated surface decor under great pressure and heat by adding resins. This results in an extremely weather and UV-resistant surface, with a large selection of decors that are suitable for the requirements of the facade.

selekta ALU is an extruded aluminum profile that can be powder-coated in a choice of 4 wood decorative styles or a virtually unlimited choice of colours. Aluminum has been a tried and tested material for facades for many decades.

square is a high-pressure laminate panel (HPL), which is pressed from craft paper soaked in resin under great heat and pressure. The square facade panels can be supplied in large formats and many different decors for large-area facades.

Perfect conclusion

With the extensive range of aluminum profiles for corners, connection and mounting profiles, etc. you can create clean wall connections, outside and inside corners, door, window and roof connections and much more.



selekta REFINE and selekta ALU lend a special individuality and personality to building facades and exterior walls.

Different insulating materials can be used without any problems and they can be combined with other building materials such as wood, concrete or other facade systems.

Permanently beautiful

With the help of innovative materials, WERZALIT offers consistently beautiful low-maintenance facades. All materials are resistant to moisture, heat, mechanical stress and insects - ideal for outdoor use.

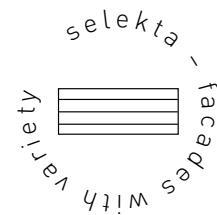
Strong against wind and weather

WERZALIT materials pass extreme endurance tests such as swelling tests. The material is exposed to a wide range of influences and climate fluctuations between -30°C and +70°C in special climate chambers. On the WERZALIT test fields, test facades have been defying wind and weather for 30 years. WERZALIT profiles have even been tested for earthquake safety.



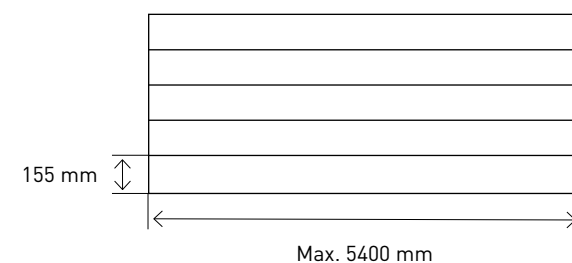
Lived straightness

With selekta REFINE and selekta ALU you can design facades with individuality and personality. selekta facade profiles offer almost unlimited possibilities for this.



The advantages at a glance

- Can be laid vertically, horizontally, diagonally or in classic weatherboarding
- Large selection of colours and decorative styles
- Exceptional UV and weather resistance
- Fast and economical to work with
- Complete range of accessories
- Easy to assemble tongue and groove system
- Almost maintenance-free
- Attractive guarantee conditions



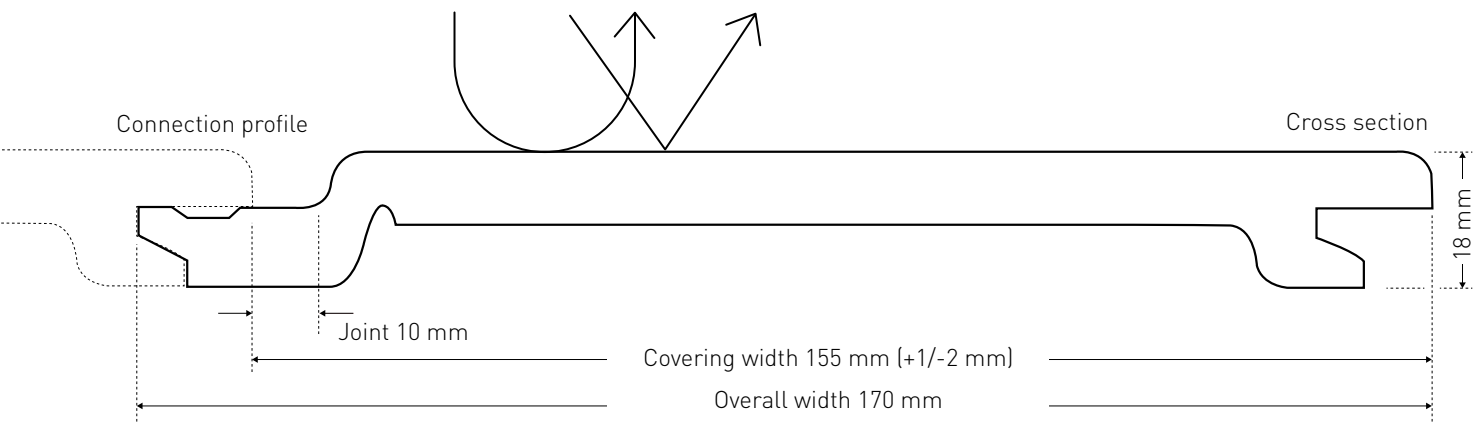
selekta REFINE

Durable like high-pressure laminate panels (HPL)

Our selekta REFINE facade system offers maximum UV and weather resistance paired with incomparable sustainability. The individual layers are permanently pressed together during production. Easy assembly thanks to the tongue and groove system.

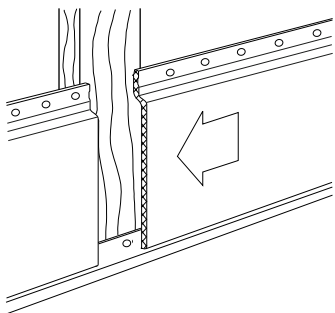
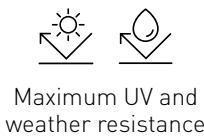
Raw length 2700 mm, covering area max. 2700 mm x 155 mm

Raw length 5400 mm, covering area max. 5400 mm x 155 mm



Technical data

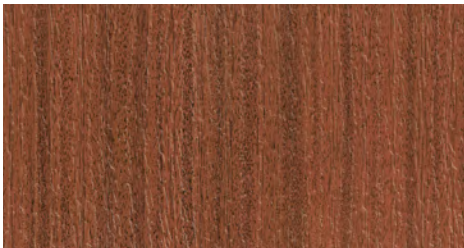
- Profile width: 170 mm
- Covering width: 155 mm (+1/-2 mm)
- Covering length: max. 2700 mm | max. 5400 mm
- Profile thickness: 18 mm
- Material: WERZALIT
- Weight: 1,50 kg/m
- Surface: selekta REFINE decorative styles with UV resistance
- Fire rating: Euroclass D-s2;d0
Euroclass B-s2;d0
- Delivery lengths: 2700 mm | 5400 mm
- Material needs: 6,45 m / m²



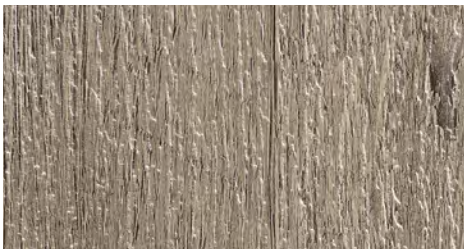
Decors and colors selekta REFINE



Dekopan
dark cedar - 154



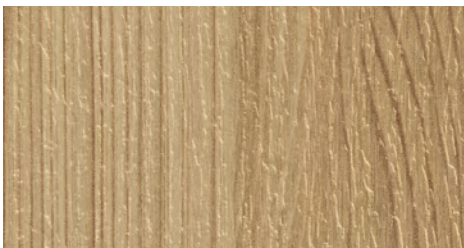
Dekopan
meranty - 151



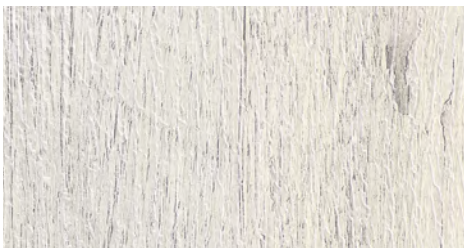
Dekopan
walnut - 157



Dekopan
white oak - 152



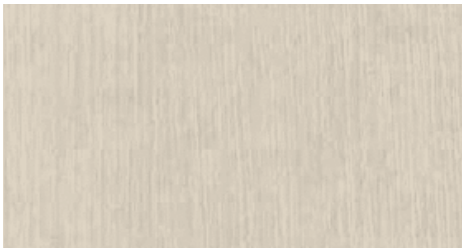
Dekopan
cedar - 082



Dekopan
birch - 156



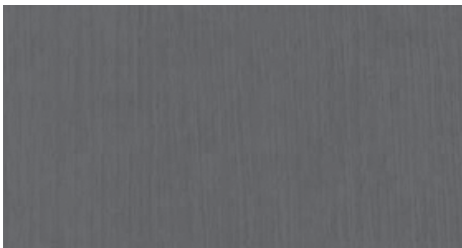
Colorpan
pure white - 701



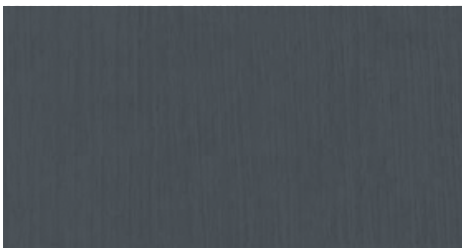
Colorpan
cream white - 716



Colorpan
light grey - 718



Colorpan
dark grey - 719



Colorpan
anthracite grey - 721



Dekopan
african ebony - 158

selekta ALU

Aluminum for eternity

selekta is also available as an aluminum profile. The non-combustible building material offers an alternative to our core product selekta REFINE.

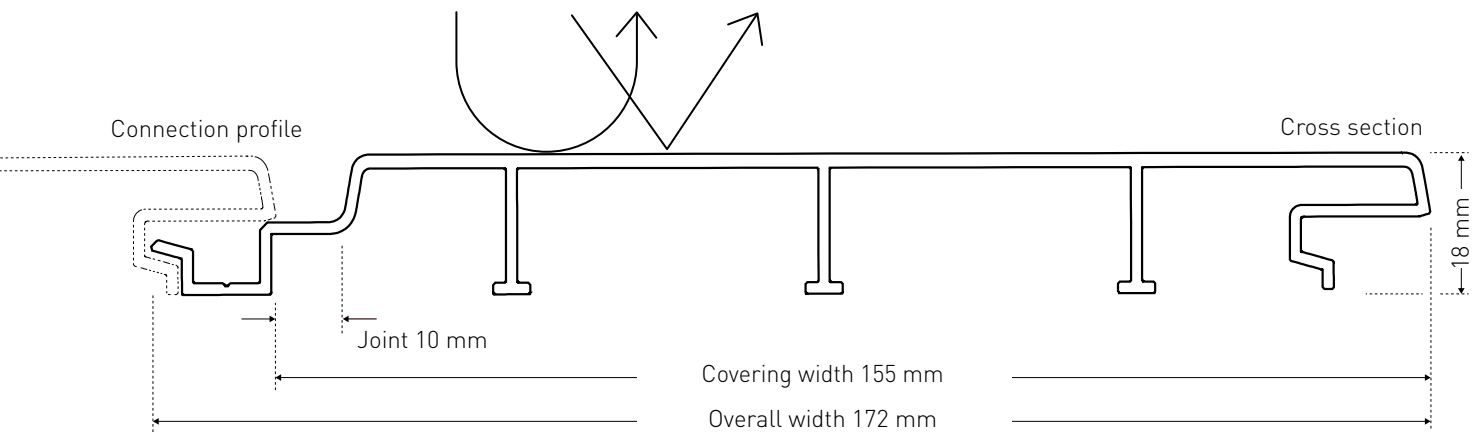
Raw length 5480 mm, covering area 5400 mm x 155 mm



- + selekta ALU - mountain pine - 161
- + Cladding panel square - silver grey - 512

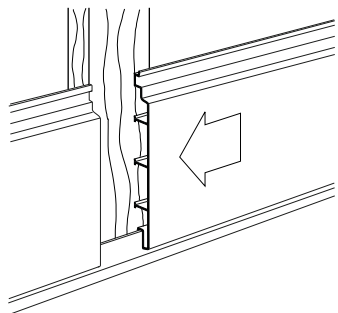
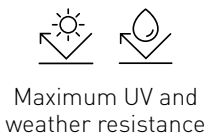


RAL colors on request

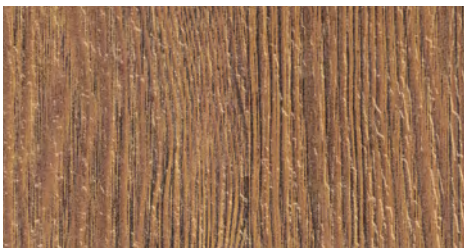


Technical data

Profile width:	172 mm
Covering width:	155 mm (+ 2 mm)
Covering lenght:	max. 5440 mm
Profile thickness:	18 mm
Material:	Aluminum - AlMg2
Weight:	1,26 kg/m
Surface:	Powder coated with decor
Fire rating:	Euroclass A2-s1;d0
Delivery lengths:	5480 mm
Material needs:	6,45 m / m²

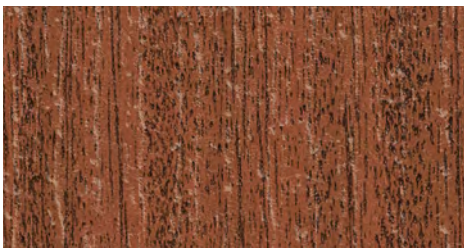


Decors selekta ALU



selekta ALU
Wood decors

Decor coated
dark cedar - 154



Decor coated
balau - 159



Decor coated
mountain pine - 161



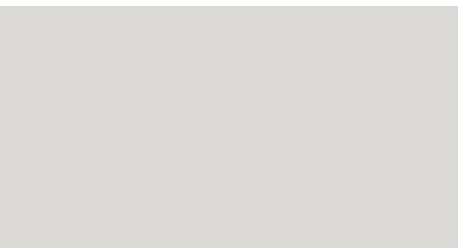
Decor coated
african ebony - 158

Aluminum
Parts

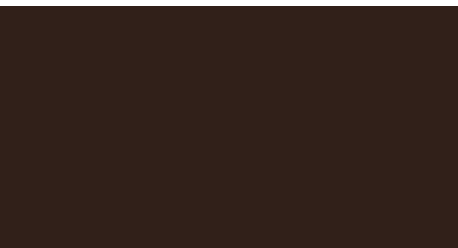
001
white



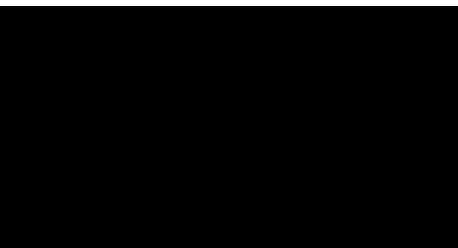
024
light anodized



025
dark anodized



026
black anodized

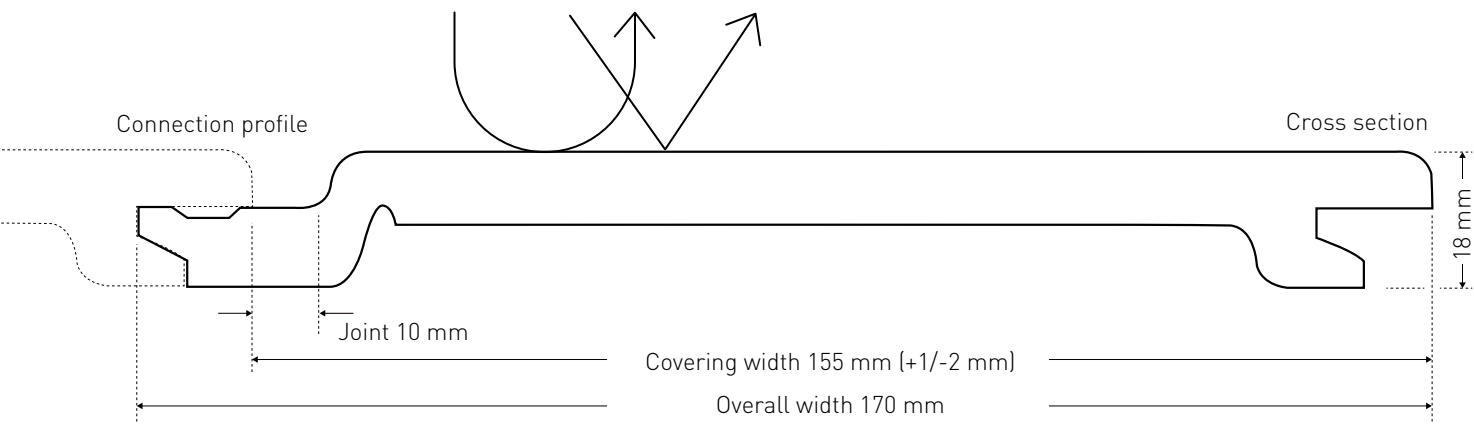


selekta Renolit

The facade profiles covered with the proven Renolit film offer the highest UV and weather resistance paired with incomparable sustainability.

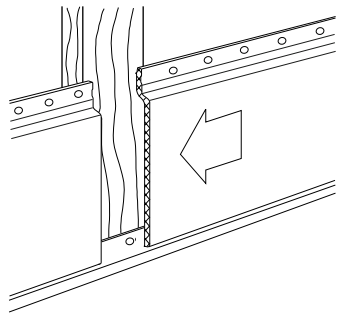
Raw length 2700 mm, covering area max. 2700 mm x 155 mm

Raw length 5400 mm, covering area max. 5400 mm x 155 mm



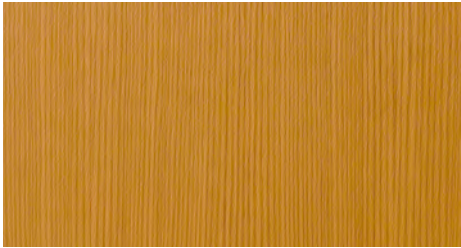
Technical data

- Profile width: 170 mm
- Covering width: 155 mm (+1/-2 mm)
- Covering lenght: max. 2700 mm | max. 5400 mm
- Profile thickness: 18 mm
- Material: WERZALIT
- Weight: 1,50 kg/m
- Surface: Decorative film with UV protection
- Fire rating: Euroclass D-s2;d0
- Delivery lengths: 2700 mm | 5400 mm
- Material needs: 6,45 m / m²



Decors et colors selekta Renolit

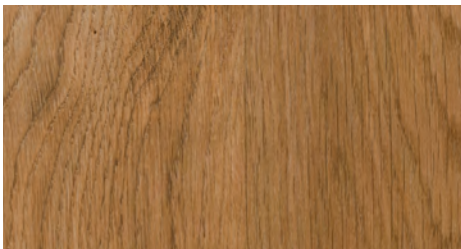
Complete Renolit colour pallet available on request.



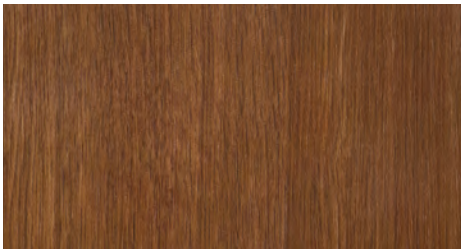
829
oregon



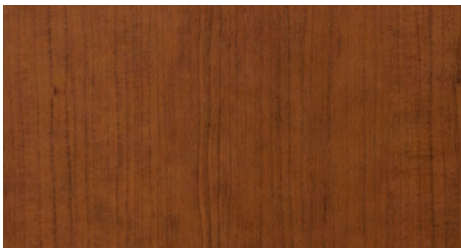
830
natural oak



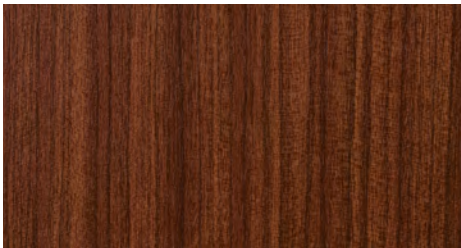
831
winchester



832
honey oak



833
soft cherry



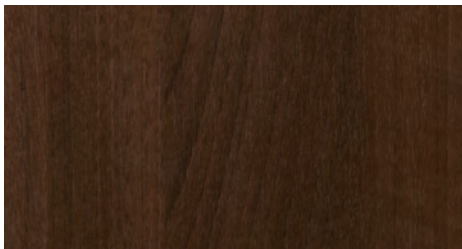
834
macore



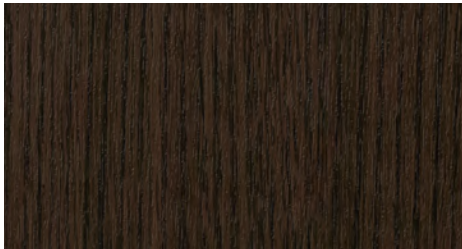
835
weissbach oak



836
mountain oak



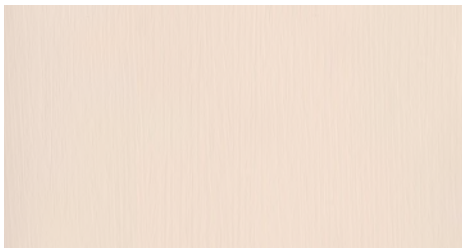
837
siena



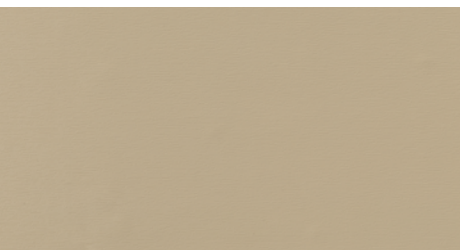
838
moor oak



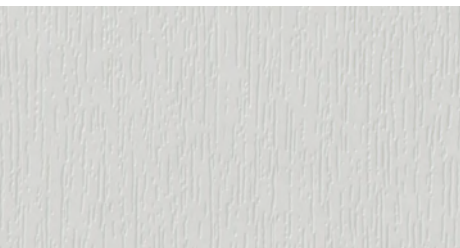
815
cristal white ash



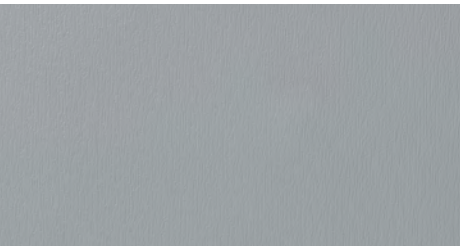
816
cream white



817
light ivory



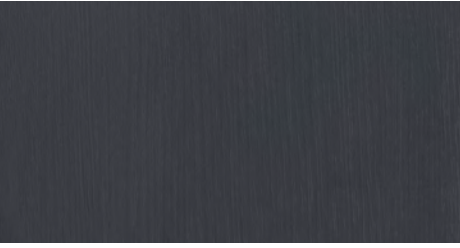
818
light grey



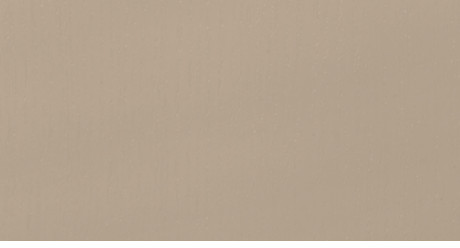
819
grey



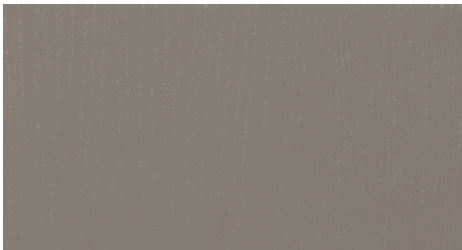
820
kensington grey



821
anthracite grey



822
windsor



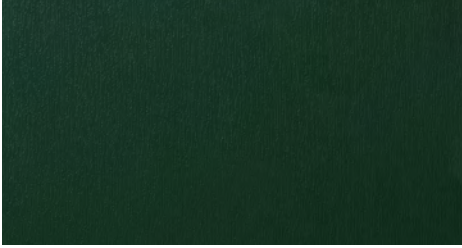
823
balmoral



824
dark red



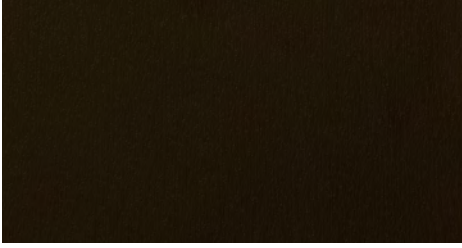
825
wine red



826
dark green



827
brown

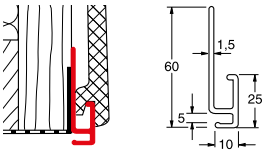


828
black-brown

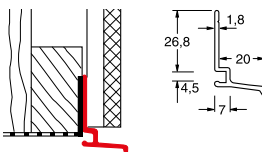


Accessories

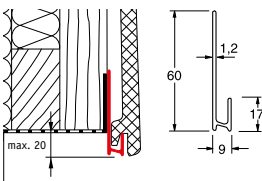
Initial and attachment profile



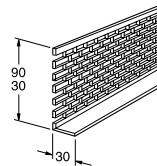
Initial profile N + F



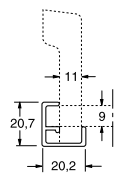
Attachment profile



Initial profile P

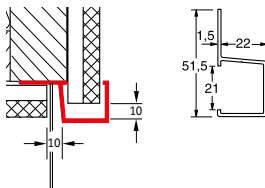


Ventilation profile

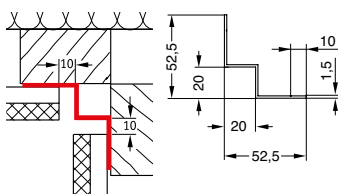


Edge-end profile 2

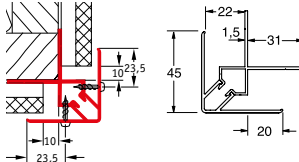
Corner transitions



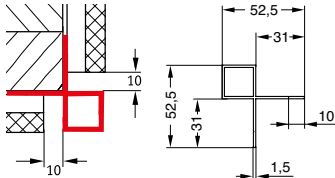
Connection profile F



Aluminum inside corner profile



Outside corner C

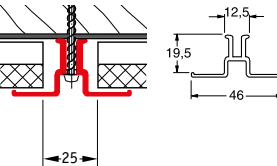


Aluminum outside corner profile

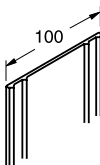


Download the latest
installation instructions

Butt joints

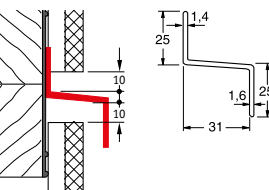


Cover profile

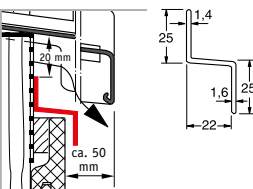


Joint tape

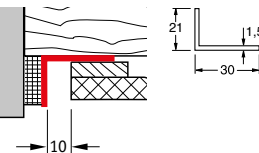
Profile ends



Z profile 1

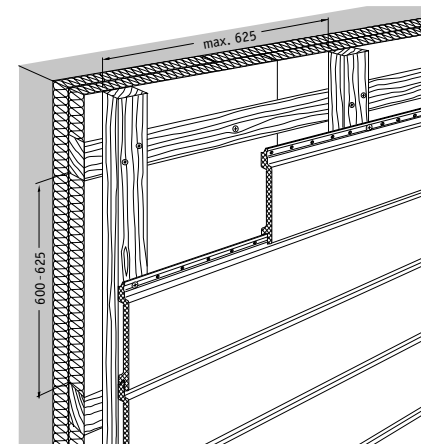


Z profile 2

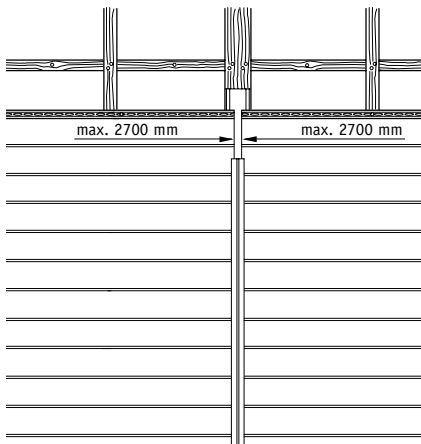


Cover angle 30/20

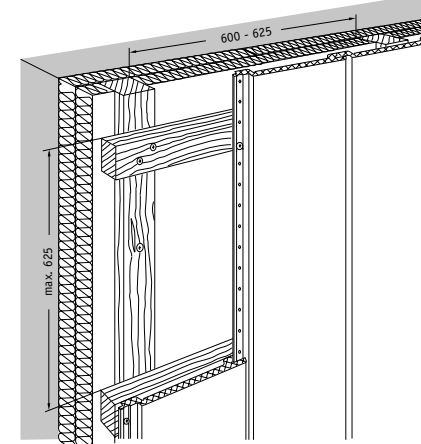
Laying options



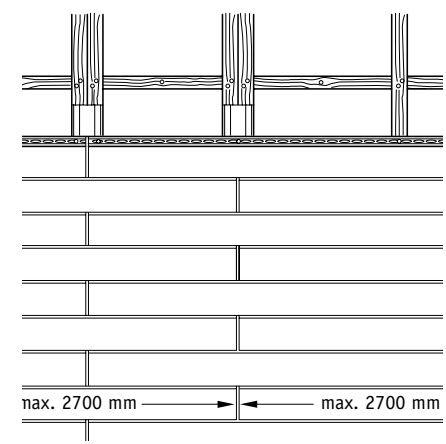
1. Horizontal installation (selekt)



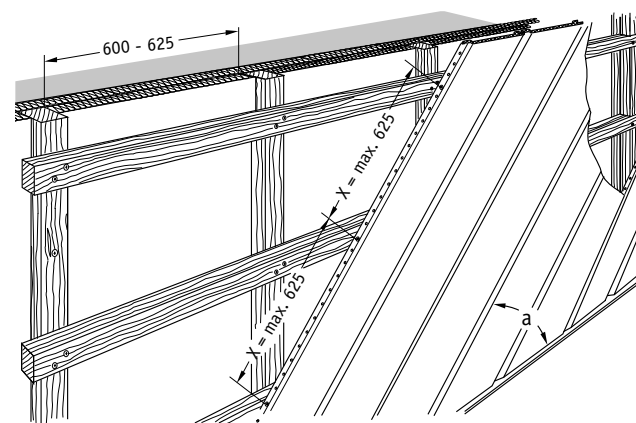
4. Horizontal installation with a vertical joint,
clad with a cover profile (selekt)



2. Vertical installation (selekt)



3. Horizontal installation in
ship composite (selekt)



5. Diagonal installation (selekt)

Matching the selekt facade profile, WERZALIT offers an extensive range of corrosion-resistant accessories that meet individual requirements with attractive detailed solutions in construction. In addition, there are large fastening distances of up to max. 625 mm, a ready-to-install tongue and groove connection and pre-punched fastening slots for the facade screws for uncomplicated and quick installation and thus for great economy.

Cladding panels square

Large surfaces for big architecture



+ Cladding panel
square - rain - 511

+ Cladding panel
square - eternal iron - 885

The large facade

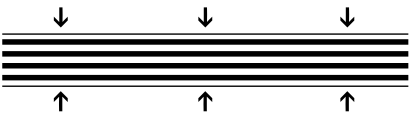
square cladding panel is attracting a lot of attention in modern design. The panels, coated on both sides, are available in four material thicknesses and three formats. With its generous format, square is not only suitable for cladding residential buildings, but also for designing industrial facades. square is available in the standard version in fire rating Euroclass D-s1;d0, but can also be supplied in fire rating Euroclass B-s1;d0 on request for an additional charge.

Easy to work with, versatile assembly

When it comes to installation, the square cladding panel behaves like wood. It can be riveted, screwed and glued. It can be attached visibly or concealed and attached to wooden or metal substructures.



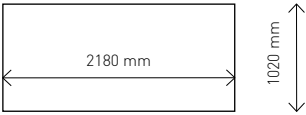
For large-area facade cladding. Available in three different formats up to max. 3.650 x 1.320 mm. Decoratively coated on both sides in the color lines Universal, Fantasy, Wood or Stone. Factory cuts to fixed dimensions possible.



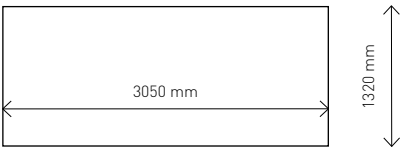
Cellulose webs/craft paper, impregnated with resin, are pressed into a homogeneous sheet.

Sizes

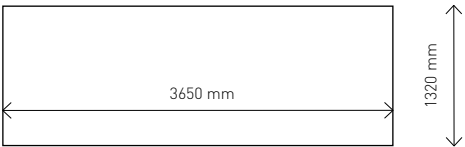
2180 x 1020 x 6/8/10/12 mm
fire protection class:
Euroclass D-s1;d0*
Euroclass B-s1;d0**



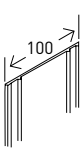
3050 x 1320 x 6/8/10/12 mm
fire protection class:
Euroclass D-s1;d0*
Euroclass B-s1;d0**



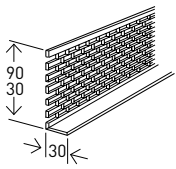
3650 x 1320 x 6/8/10/12 mm
fire protection class:
Euroclass D-s1;d0*
Euroclass B-s1;d0**



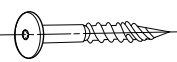
Accessories



Joint tape



Ventilation profile

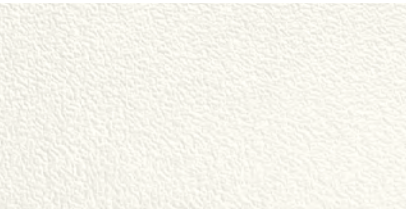


Universal screw
H 6 x 45 mm
Approved up to 8 m
Building height



Cover flap

) Standard: Euroclass DIN EN 13501 D-s1;d0
) Optional: Euroclass DIN EN 13501 B-s1;d0
Other strengths on request.



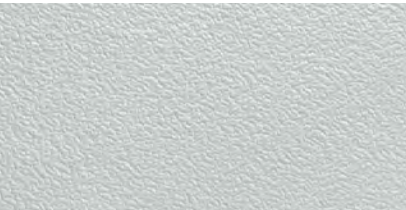
Universal
↓
510
sugar white



518
ivory



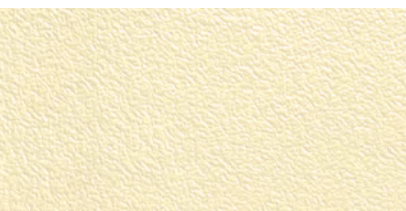
512
silver grey



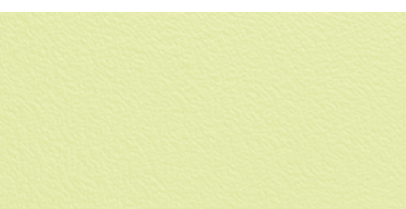
515
telegrey



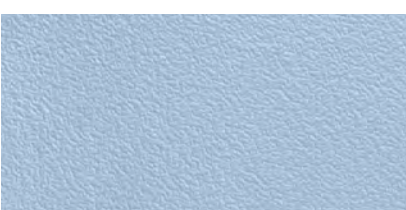
516
tin



531
sunny



572
lime

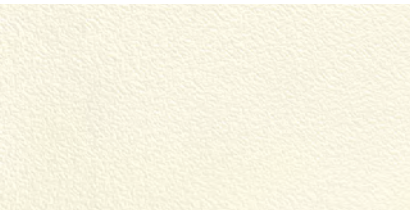


553
blue ice

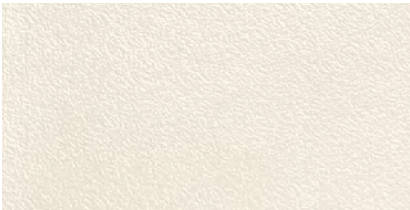
Fantasy
↓



853
traffic white



514
pearl white



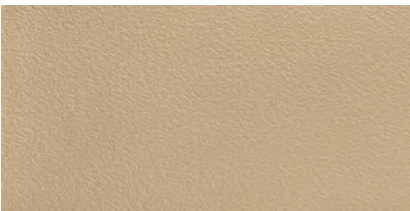
854
dawn



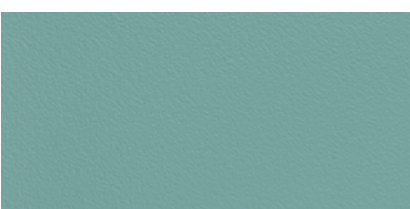
511
rain



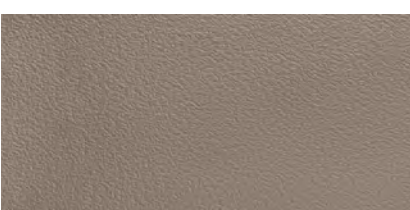
855
dove grey



529
antilop



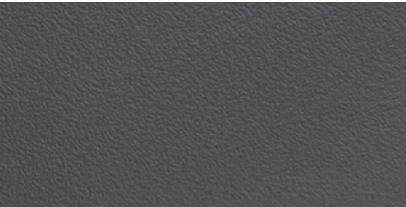
863
clear teal



521
shadow



856
north sea



513
storm



517
ebony



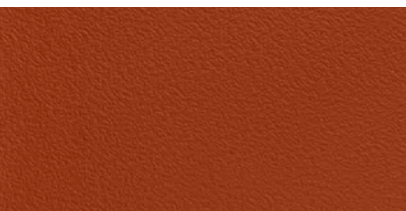
530
beaver



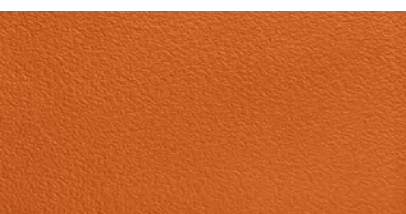
551
navy



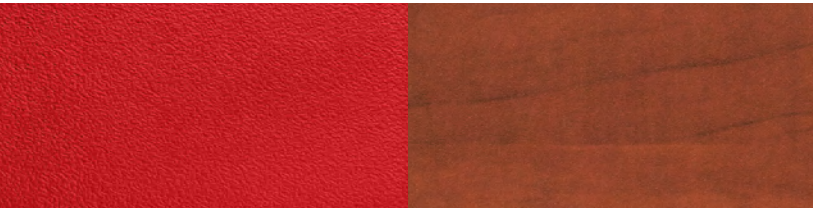
861
port



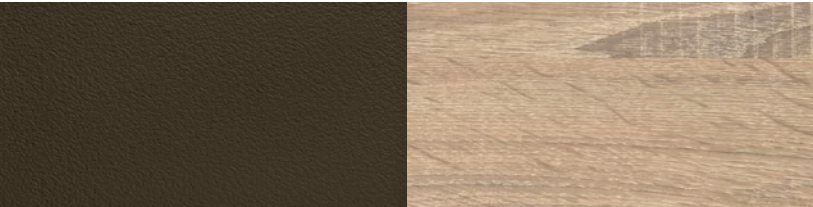
858
brick



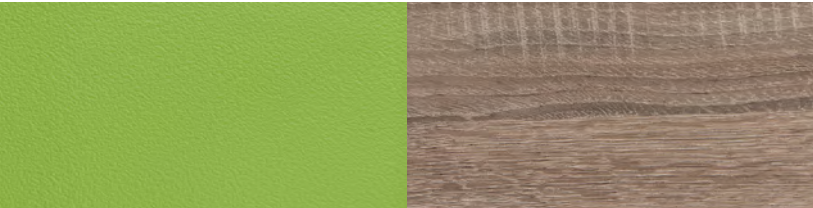
538
zinnia



542
infinity



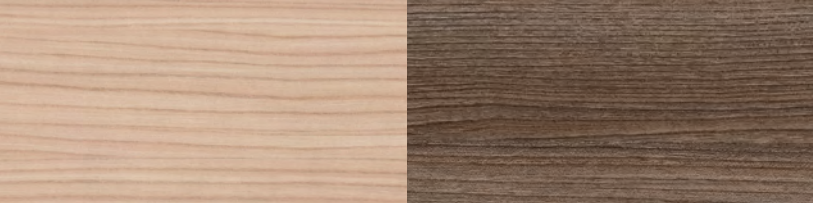
857
chocolate



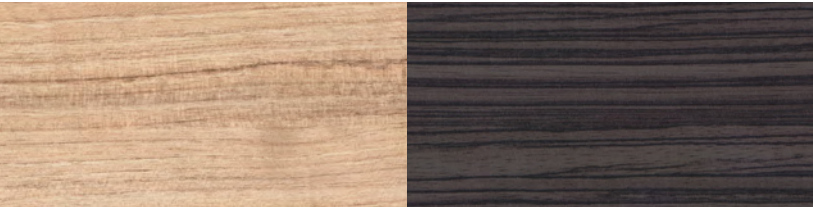
866
parrot



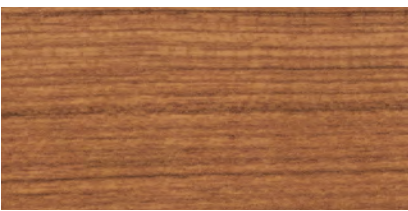
867
moss



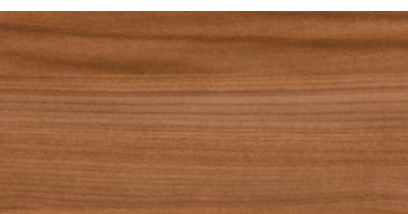
Wood
↓
877
unique elm



873
washy elm



584
sun teak



882
piave cherry

585
delight cherry

878
diego oak

879
pablo oak

880
delicious oak

881
novara elm

883
zebrano nightfall

Stone
↓



884
cloudy cement



885
eternal iron



886
patina rock



887
moon rock



888
corten



889
rubi limescale



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