

structura

Innovative material for modern façade design

NEW

werzalit®
LASTING. BEAUTY.



The attractive colours of structura are perfect for effectively accenting modern architecture. structura as partial façade, profile side linea, red copper.

Unique material – striking look

More than ever before, builders and architects consider the façade an important design element of a building. WERZALIT opens up entirely new design possibilities with structura. The façade profiles, which can be used with either side facing out, come in four striking colours with metallic effect and two different surface textures.

Your key benefits at a glance:

- ✓ Striking colours with metallic effect
- ✓ Usable with either side facing out
- ✓ Innovative material for modern façade design
- ✓ Weather-resistant and robust
- ✓ Easy to care for
- ✓ High share of CO₂-binding pulpwood
- ✓ PEFC-certified
- ✓ Recyclable



In places where both the front and back sides of the profiles are visible, such as carports or fences, structura offers an interesting interplay between the two surface textures.



structura, profile side banda

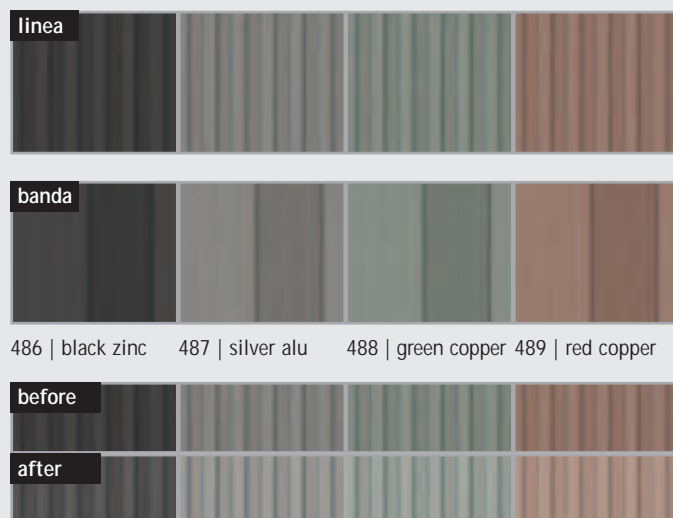
Stylish and appealing colour concept

The innovative colour concept of structura creates interesting accents in modern architecture. The special material composition produces varied colour nuances depending on the location of the sun thanks to the blending effect of the wood fibres and the glistening particles of the dyed polymer. For instance, the colour "silver alu" can appear as a glossy blue-silver or have a velvety-grey oxidising aluminium look, depending on how light strikes it. "black zinc" can look like anthracite-coloured titanium zinc or like grey slate. "green copper" shifts between silvery green tones and "red copper" appears in rust-like, red-brown colour tones.

One profile – two surfaces

The structura façade profiles can be used with either side facing out. The two differently textured surfaces – "linea" and "banda" – give rise to interesting design possibilities. The trademark of the "linea" profile side is its fine lines, while "banda" is very expressive over large surfaces with its wide slatted appearance.

structura façade profiles – both sides usable in linea or banda:



structura profiles lighten slightly over time due to weathering.



structura can also make an outstanding impression when combined with other construction materials, such as glass. Partial façade with structura, profile side linea, green copper.

Protection and durability in full measure

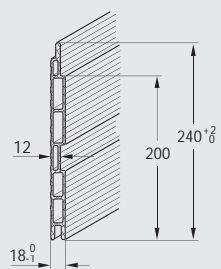
A façade gives a face to the building. It requires special protection to prevent wind, weather and extreme temperatures from leaving their mark. structura combines maximum durability with the high aesthetic standards of modern design.

The best of wood and plastic

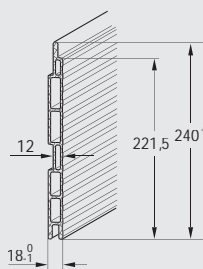
structura is manufactured from the innovative wood-polymer composite S2, a combination of carefully selected wood and a high-quality industrial polymer as binding agent. The polymer content ensures dimensional stability, resistance to cracking and weathering while also making the profiles extremely easy to care for. Thanks to the wood content, the profiles are resistant to impacts and breaking. structura can also be worked as easily as wood. In addition to being CO₂-neutral, the wood we use is sustainable, PEFC-certified and regionally harvested for short transport distances, and the recyclability also ensures a positive eco-balance.

For entire façades or isolated accents

structura is suited for both new buildings and modernisation measures. As a partial façade on the weathered side of a building, on gables, dormers and knee walls, the façade profile offers reliable weather protection and can be excellently combined with other materials. As a full façade, structura offers all the advantages of a back-ventilated curtain façade. This system optimally protects the outer wall from damage that could impair its function by physically separating the various layers (support structure, insulation, weather protection). As a result, moisture arising during construction or occupancy can escape through the available ventilation space.



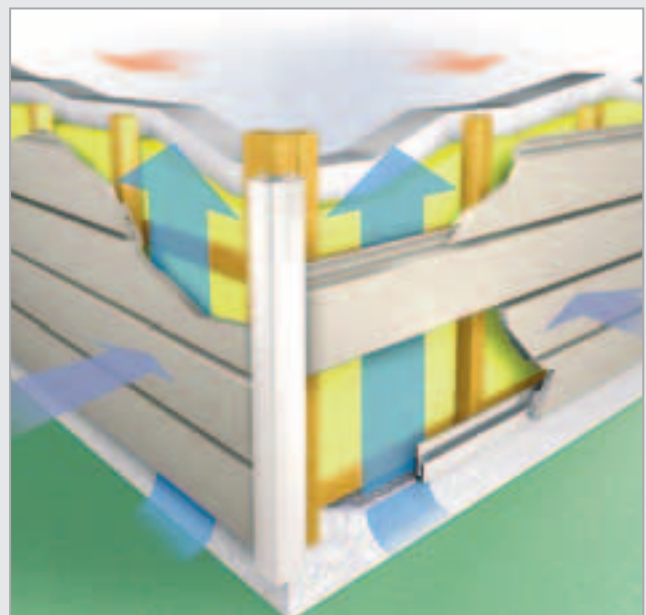
structura, profile side banda



structura, profile side linea

Technical data	Profiles
Profile width	240 mm
Coverage width	232 mm
Standard length	3.10 m (raw cut)
Required quantity/m ²	approx. 4.31 linear m
Required clips/m ²	approx. 8 pcs.
Fire protection class	B2*

* Normal flammability according to DIN 4102.



structura provides lasting protection to the building as a back-ventilated curtain façade.



Modern structures highlight the clear architectural language. structura as full façade, profile side banda, black zinc.

Low-cost installation and easy processing

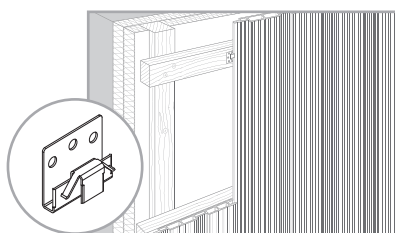
The speed and efficiency of the installation process are critical for the cost-effectiveness of an expansion, renovation or new building. structura performs excellently in this regard – with a simple, well-conceived system and a handy profile that can be installed by a single person. Detailed instructions and matching accessories round out the professional product line.

Your key benefits at a glance:

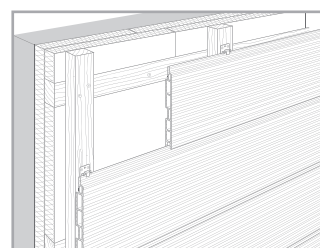
- ✓ Can be worked as easily as wood
- ✓ Large fastening distances and profile width
- ✓ Handy profile lengths – can be installed by a single person
- ✓ Sturdy clip fastening
- ✓ Can be used horizontally or vertically

A system for efficiency and economy

structura can be installed both horizontally and vertically. The large coverage width of 232 mm, wide fastening distances of 625 mm and the practical, sturdy clip fastening allow for fast, low-cost installation. The material can be worked as easily as wood. Thanks to its handy profile lengths, structura can be installed very well by a single person. WERZALIT offers a comprehensive system of various termination profiles matching structura. Naturally, these components also live up to the highest demands in terms of weather resistance and long life.

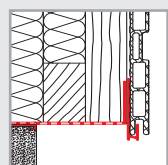


Vertical installation of structura, profile side banda.

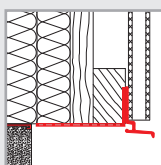


Horizontal installation of structura, profile side linea.

1 Start of installation

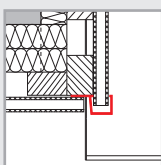


Starting profile P



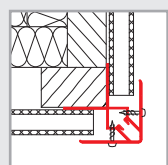
Layering profile

2 Window reveal

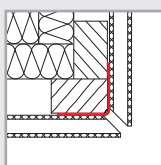


Connection profile F

3 Outside corner

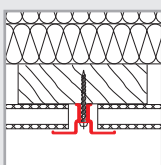


Outside corner C

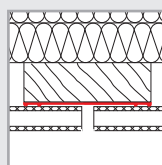


Open mitre joint

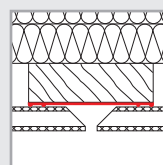
4 Butt joints



Cover profile



Open butt joint



Open butt joint with angle

Tip: Detailed installation instructions with additional installation options and specific solutions are available upon request.

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