

Pre-plastered WALL 140/180

Installation guidelines best wood SCHNEIDER



www.schneider-holz.com

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Legal notice

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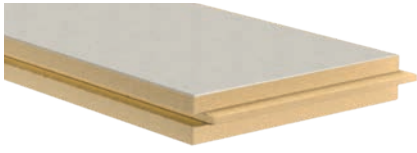
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6 PRODUCT OVERVIEW



ADVANTAGES

- ✓ An outdoor exposure of up to 5 months is possible
- ✓ One working step on the building site can be omitted, since there is no further need to put the notched plaster onto the board
- ✓ Thanks to the machinery coating, the whole layer has the same thickness
- ✓ This ensures that the fiber reinforcement fabric is in the right place in the second step
- ✓ Avoids lignin penetration
- ✓ Relevant to best wood SCHNEIDER® ETICS approval



■ best wood pre-plastered WALL 140/180

WALL 140 can be installed on continuous and load-bearing solid timber substrates. WALL 180 can be applied on timber frame constructions. WALL 140/180 must not be applied on mineral substrates.

Delivery options

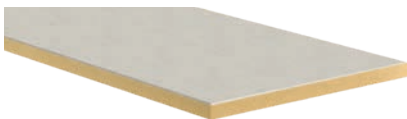
Edge profiles	Tongue + groove only
Thickness	60, 80, 100, 120, 140, 160 mm
Length	1500, 2000 mm
Width	580 mm

■ best wood SCHNEIDER pre-plastered REVEAL BOARD WALL 180

The reveal board is exclusively intended for covering the window reveals.

Delivery options

Edge profiles	Square edge
Thickness	20, 40 mm
Length	1500, 2000 mm
Width	600 mm
Delivery in pairs	



■ ■ Important information and differences regarding the installation guidelines for best wood SCHNEIDER ETICS

For the application of the pre-plastered WALL 140/180, please refer to the installation guidelines for best wood SCHNEIDER ETICS. The installation guidelines can be found on the www.schneider-holz.com web site in the download area.

■ ■ Board selection

Only boards with a tongue and groove profile must be installed.



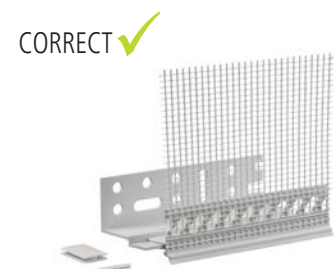
■ ■ **EXCEPTION SQUARE EDGE**
Reveal boards in the window reveal

■ ■ Cutting best wood pre-plastered WALL 140/180 to size

The pre-plastered WALL 140/180 boards are cut to size using cutting equipment such as hand-held circular saws and sliding table saws with hard-metal blades.

■ ■ Base profile

The best wood plastic base profile must be used for the bottom edge connection. The best wood aluminium base profile cannot be used, since the best wood pre-plastered WALL 140/180 will not fit into the base rail due to the thickness of the plastering layer.



■ Fastening with broad-back staples

Fixation of pre-plastered WALL 140/180 is done with broad-back staples. Please consider the effective anchoring lengths of 30/36 mm.



CORRECT ✓



Broad-back staples must be countersunk by the coat thickness of the plaster layer.



CORRECT ✓

■ Fastening of the H35 screw-in anchor using the best wood mounting tool H

The pre-plastered WALL 140/180 can also be fixed by the screw-in anchor H35 Ø 6 mm. Screw-in plate Ø 35 mm.

Effective screw-in depth: min. 35 mm.

Screw length = Thickness of insulation board + 20 mm.

The H35 screw-in anchor can only be screwed in using the best wood mounting tool H.



1



2



3

Screw in the H35 screw-in anchor using the mounting tool H.



4



5



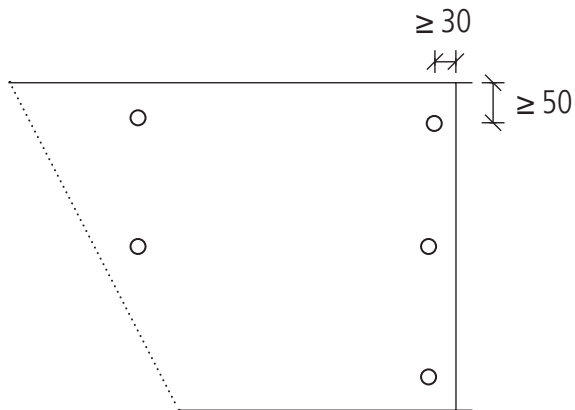
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The anchor has to be countersunk by the coat thickness of the plaster layer.

Application of the closing plug.

■ ■ Observance of the minimum distance

The following minimum distances between the anchors must be observed to avoid damages to the render.



Quantity and positioning of H35 screw-in anchor on WALL 140/180, see installation guidelines best wood SCHNEIDER ETICS.

■ ■ Non-permissible fixing material

Please note that fastening using conventional screw-in anchors and wall plugs is not possible.





■ Board lengths at outer building corners

On outer corners of the building please shorten the board by the plaster thickness such layer thickness will be kept after corner bead with fiber mesh has been embedded. Exact joints in the laying surface and vertical cut edges do not have to be covered.



■ Horizontal board edges

Horizontal board edges at breast walls or attics must be protected from direct weathering with suitable covering. This can be done at wind by creating the 2nd sealing level, for example.



■ Joints

Gaps in the board joints of up to 2 mm can be plastered over, and gaps of 2-5 mm must be filled with best wood FDM gap adhesive sealing compound. Gaps bigger than 5 mm must be closed with strips of best wood WALL 140/180.

■ Further plaster build-up: Applying additional reinforcement and fabric filling

This includes:

best wood adhesive and reinforcing mortar (UP)
best wood fiber reinforcement fabric
best wood mineral plaster (MOP)
best wood silicone resin plaster (SOP)
best wood silicone resin paint

ETICS approval is only guaranteed if these best wood plastering products are used. A further plaster build-up with other plaster products is not permissible, and will lead to loss of the certification and guarantee from best wood SCHNEIDER.

When the pre-plastered wood fiber insulation board is sufficiently dry (at least 7 days with no direct rain on the pre-plastered wood fiber insulation board and humidity of $\leq 65\%$), corner beads with fiber mesh are embedded at all external corners before applying the fabric reinforcement.

Architrave beads with telescope function are embedded in the area of window and door frames. At the same time, diagonal reinforcement arrows or reveal angles are embedded on filler at all facade openings in the surface. All special plaster profiles such as drip edge profiles, render stop beads, sheet metal connection profiles and expansion joint profiles for corners/surface are embedded beforehand. After the preparatory embedding of render stop beads and diagonal reinforcement, the best wood adhesive and reinforcing mortar (UP) is applied to the rendering surface either manually or with a mixing pump/rendering machine in a reinforcement layer thickness of approximately 4 mm. Pay attention to a homogeneous distribution of material.

best wood fiber reinforcement fabric is embedded wet and filled over until the fabric is fully covered. The fabric joints must overlap by at least 10 mm. Air inclusions must be avoided and filler ridges must be chipped off after drying. The render application for fabric filling on the pre-plastered board should be approx. 4 mm and the fiber reinforcement fabric should be in the middle of the reinforcement layer applied at the building site.

■ ■ Application of best wood plaster and best wood silicon resin paint

Execution as explained the installation guidelines for best wood SCHNEIDER® ETICS.

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