

Installation of noraplan[®] wall

General remarks

Any installation must be based on the technical rules and requirements of the country-specific standards such as the fire-protection requirements for wall coverings.

At the time of installation and of adhesive bonding, the substrate temperature must be at least 15° C. Ensure that the noraplan[®] wall coverings have the required substrate temperature. Especially in wintertime, the wall covering must be stored on site for several days.

Please make sure the material is properly stored on site. Rolls have to be stored upright!

Material defects which are visible before installation cannot be acknowledged when claimed after the installation.

Substrate requirements

All wall substrates must be clean, absorbing, permanently dry, even, permanently firm, and devoid of any cracks or impurities like grease, oil, wax, paint residues etc.

Do not install on walls with oil paint!

The substrate must be capable to sustain the weight of the wall covering.

Normally, a level compound needs to be applied to the substrate to produce an even and load-bearing surface which is suitable for the installation.

Installation

Always cut the seams on the floor prior to fixing. Trim the sheets to ceiling height, then measure the width of the sheet; after the cutting of the seam the width of the sheet must not exceed 1.22 m.

Unroll noraplan[®], overlap both sheets as much as necessary, placing the factory-cut edge over the uncut edge.



Straighten the factory-cut edge with the nora[®] seam cutter alongside a steel straight edge (approx. 1 cm off the factory-cut edge), thereby cutting into the sheet underneath, i. e. slightly slitting it. As an alternative to the nora[®] seam cutter a railcut (Wolff) can be used. A linocut, however, is **not** suitable.



In practice we found it best to detach the half-cut strip with a hooked blade. We do not recommend cutting the underlying edge after embedding the wall covering as this implies the risk of the seam being compressed.



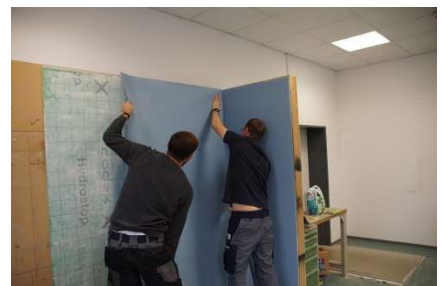
Suitable adhesives are acrylic adhesives; apply the adhesive as specified by the manufacturer.

The required airing time depends on the temperature, the humidity and the absorbency of the subfloor concerned. Therefore, it has to be ensured that the adhesive's open time is exceeded on no account.

Make sure the adhesive has properly transferred to the back of the wall covering. Please observe additional information provided by the manufacturer.



When the wall covering is embedded, it has to be ensured that its entire back is completely covered with adhesive. Position the edges of the wall covering without applying pressure. Under no circumstances should they be pressed or crushed. As the joints have to be sealed, the joint width must not exceed 0.3 mm.



Carefully rub the wall covering on its entire surface into place, for instance with a cork board. Repeat this procedure after a while (depending on the temperature), in particular at the ends and seams.



During the installation and the bonding of the adhesive, noraplan[®] wall coverings have to be protected against extreme heat or temperature fluctuations, e. g. as a result of direct sunlight or in rooms where glazed elements reach down to the floor.

Formation of corners

- a) Inside corners can be cut to size, thus providing a sharp edge to be sealed subsequently with nora[®] 1 component joint sealing compound. The nora[®] cushioned-edge profile H 9010 may be placed in the inside corner as an alternative. In this case it is not necessary to cut the wall covering.
- b) For the outside corners the wall covering must not be pulled around the edge. Instead, fix appropriate edges and/or edge-protecting profiles prior to installation and place the wall covering neatly on to these.

Joint sealing

All seams as well as the connections to elements like door frames, tiles etc. and the connection between floor and wall have to be sealed with nora[®] 1 component joint sealing compound.



