

Installation Recommendations – noraplan[®] floor coverings

The **subfloor** must fulfil the requirements of the country-specific standards regarding the readiness for installation.

At the time of installation and of adhesive bonding, the subfloor temperature must be **at least 15° C**. Ensure that the noraplan[®] floorings have the required subfloor temperature. Especially in winter time, noraplan[®] floor coverings have to be stored on site for several days.

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



wrong



correct

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

We recommend to install noraplan[®] tiles in broadloom fashion.

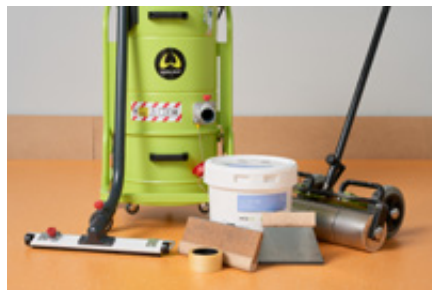
For a quick installation, nora[®] nTx or nora dryfix[™] ed (when installing dissipative and conductive nora[®] floor coverings) can be used. Please observe the corresponding installation recommendations.

Please also see our "**General remarks** for the installation of nora[®] floor coverings, stairtreads and accessories".

Required tools for seam cutting



Required tools for the installation



Pay attention to the arrows on the floor covering's back; make sure these arrows are all pointing in the same direction.

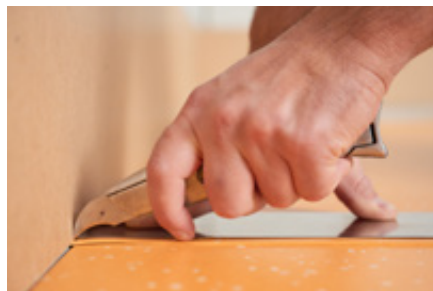


Always cut the seams before fixing. In case of butt joints these have to be cut **before** the cutting of the seams. The procedure is the same as described hereafter for the cutting of the seams.

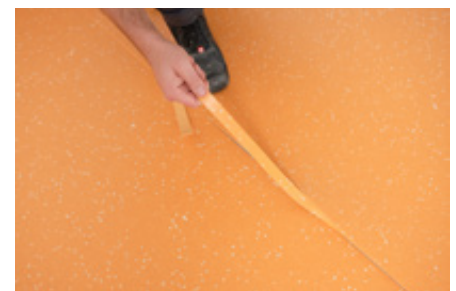
1. First measure the width of the sheet; after the cutting of the seam the width of the sheet must not exceed 1.22 m (noraplan ultra grip: 1.20 m). Unroll noraplan[®], overlap both sheets as much as necessary, placing the factory-cut edge over the uncut edge.



2. 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.

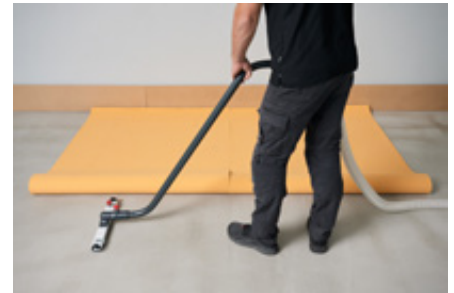


3. In practice we found it best to detach the half-cut strip with a hooked blade. We do not recommend cutting the underlying edge after embedding the floor covering as this implies the risk of the seam being compressed.

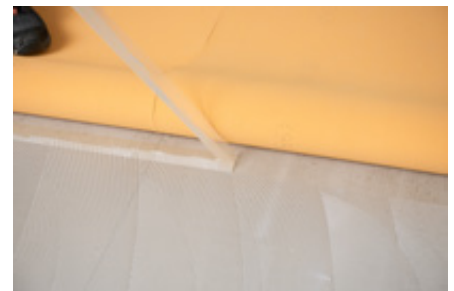
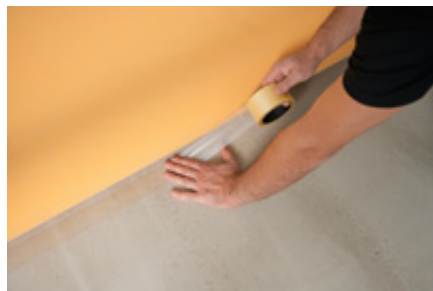


- 4.** After seam cutting fold back half of the sheets.

Vacuum clean the subfloor and the back of the floor covering.



- 5.** To avoid a visible adhesive line in the sheet, we recommend applying an adhesive tape in the area of folding back. Spread the adhesive onto this tape and remove the tape while the adhesive is still fresh. This will ensure a straight adhesive line.



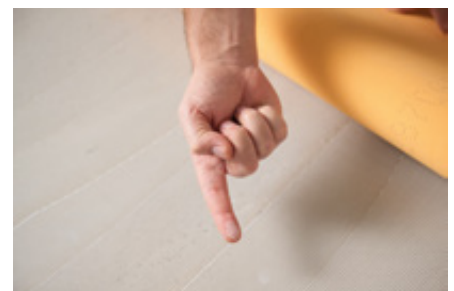
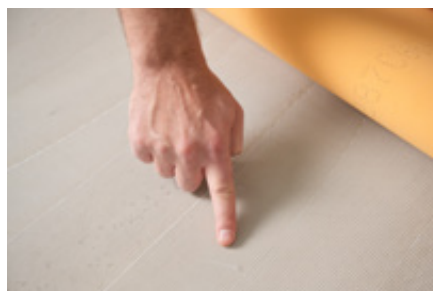
- 6.** Suitable adhesives are acrylic adhesives. We recommend the use of nora[®] AC 100*. Apply the adhesive using the serrated blade recommended by the manufacturer.



- 7.** Move the noraplan sheets approx. 10-20 cm into the fresh adhesive to avoid an adhesive line.



- 8.** 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 floor covering. Please observe additional information provided by the manufacturer.



*or comparable product by a different manufacturer. The suitability and processing as well as the consumption of the chosen adhesive can be gathered from the build-up recommendation and the technical data sheet.

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



10. Carefully rub the floor covering on its entire surface into place, for instance with a cork board. Then press it down into position both longitudinally and transversely with a heavy iron roller (approx. 50 kg). When acrylic adhesives are used, repeat this procedure after a while (depending on the temperature), in particular at the ends and seams.



Important information:

Any adhesive residues on the surface of the flooring have to be removed immediately with nora[®] liquid wax.

During the installation and the bonding of the adhesive, noraplan[®] has 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.

With the exception of noraplan[®] ed and noraplan[®] ec, the flooring seams may be sealed with nora[®] hot welding rod (see processing recommendation "Joint sealing") – 24 hours after installation at the earliest!

Only 72 hours after installation is the flooring fully serviceable.

A wet or damp cleaning may only be carried out after the adhesive has bonded, i. e. after approx. 48 hours at the earliest. Please observe our detailed cleaning and maintenance recommendations for the installed noraplan[®] floor covering which can be downloaded from our homepage.

During the bonding of the adhesive, the installed floor covering must not be covered. Afterwards, a special material permeable to vapor diffusion should be used until inspection and approval. In entrance areas with heavy traffic it is recommended to set up door mats or similar of sufficient size.

For the installation of **noraplan[®] ed and noraplan[®] ec** please also see our separate installation recommendation "Installation Recommendations ESD (conductive + dissipative)".

As an alternative to the use of a conventional adhesive, the installation can also be carried out with nora dryfix™ ed, see "Installation Recommendations for nora dryfix™ ed".

Special note:

When installing **noraplan[®] unita** and **noraplan[®] ultra grip** increased blade wear is to be expected with double seam cuts, cutting, milling, etc.

noraplan[®] acoustic (sheets)

In addition to the noraplan[®] installation recommendations the following has to be observed:

Acrylic adhesives are suitable for the fixing of noraplan[®] floor coverings with foam backing. We recommend the use of nora[®] AC 100*.

Due to the foam backing of noraplan[®] acoustic a joint sealing with either nora[®] 1-component cold weld or nora[®] hot welding rod is necessary. Joint sealing should take place no earlier than 24 hours after installation (see processing recommendation "Joint sealing").

*or comparable product by a different manufacturer. The suitability and processing as well as the consumption of the chosen adhesive can be gathered from the build-up recommendation and the technical data sheet.



Contact:

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Link to the video:

www.nora.com/installation

