

Installation recommendations for noracare[®] floor coverings

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

noracare[®] floor coverings must be **acclimated** for at least 24 hours before bonding, i.e. the subfloor temperature must be at least 15° C. Ensure that the noracare[®] floorings have the required subfloor temperature.

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



wrong



correct

The edges of noracare[®] flooring are factory-cut and ready for installation. There is no need for an additional double seam cut.

The flooring seams must be sealed using nora[®] hot welding rod sealant or nora[®] 1C joint sealing compound; Sealing must be done at least 24 hours after installation.

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

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

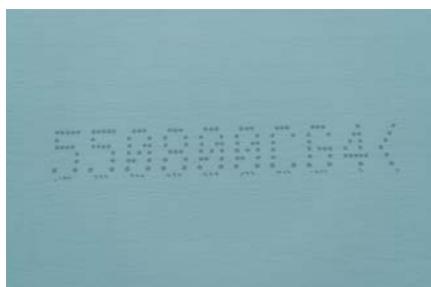
Required cutting tools



Required tools for the installation



Observe the direction of the arrow on the back of the floor covering and always lay sheet materials in the same direction



- 1.** After laying out the flooring, fold back the sheet half way. Vacuum the subfloor and the back of the floor covering sheet.



- 2.** Dispersion adhesives are suitable. We recommend using nora[®] AC 100*. Spread the adhesive using a notched trowel with TKB A2 notch size as recommended by the manufacturer.



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



- 4.** 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, i. e. it is imperative to embed the flooring while the adhesive is still fresh. Make sure the adhesive has properly transferred to the back of the floor covering. If the adhesive does not transfer to your fingertip anymore this indicates that the adhesive is already too dry and that a proper wetting of the flooring's back is often no longer possible. 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.

- 5.** When the floor covering is embedded, it has to be ensured that the entire back of the floor covering is completely covered with adhesive. Lay the flooring edges without applying tension. Do not compress or crush the edges under any circumstance. Joint widths must not exceed 0.3 mm.



- 6.** 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, noracare[®] 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.

Only 72 hours after installation is the flooring fully serviceable.

Wet or damp cleaning may only be carried out after the adhesive has bonded, i. e. after approx. 48 hours. Please observe our detailed cleaning and maintenance recommendations for the installed noracare[®] 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.

Special note:

A higher consumption of blades can be expected when cutting noracare[®] uneo.

Installation Recommendations – Joint sealing of noracare[®] floorings

noracare[®] flooring coverings must always be sealed using nora[®] hot welding rod sealant or nora[®] 1C joint sealing compound.

Execution 24 hours after installation at the earliest.

If joints have to be sealed longitudinally as well as transversely 12 hours have to pass between the two work steps.

We recommend nora[®] 1-component cold weld for the sealing of joints between nora[®] floor coverings and rising elements like masonry, door frames etc.

A. nora[®] hot welding rod

Round, diameter approx. 4.0 mm

Packaging unit: Roll with approx. 100 r.m., weight approx. 1.3 kg/roll

Consumption: Sheets (1,220 mm wide) approx. 0.85 r.m./m²

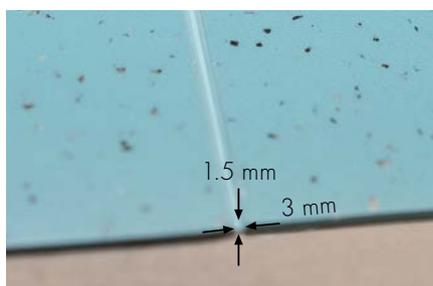
Required tools for joint sealing using hot welding rod sealant



1. The joints are milled out or cut open centrally with an electric milling machine and/or the joint cutter.



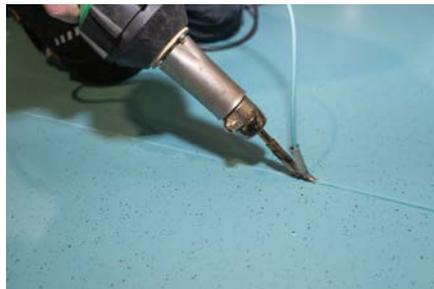
2. Joint width approx. 3.0 mm
joint depth max. 1.5 mm



- 3.** Remove milling chips (vacuum cleaner).



- 4.** The hot welding rod is fitted using either the hand-operated hot welding gun with fast-welding nozzle* or a welding machine with Teflon roller. The operation temperature of the device is reached when the hot welding rod wells out slightly on the left and right edge of the joint.



*Fast-welding nozzle with small air vent to avoid glossy stripes or burns on both sides of the seam.

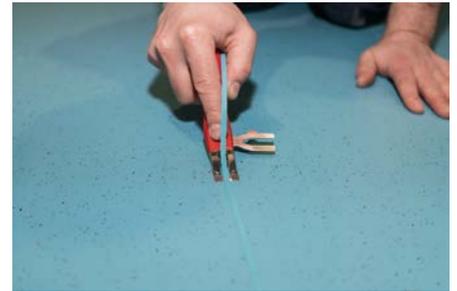
- 5.** The processing temperature is max. 300°C. Set the speed to approx. 2.0 m/min. when processing the hot welding rod sealant with a welding machine. The operating speed and temperature setting can be regulated on most welding machines.



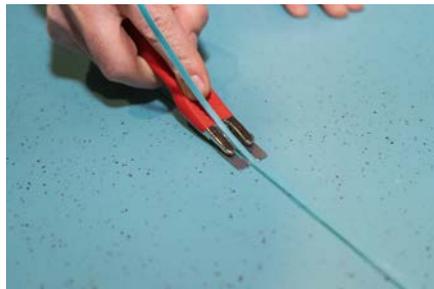
- 6.** If the temperature cannot be set, adjust the operating speed accordingly.



- 7.** Directly after welding use the Mozart knife with the 0.7 mm distance sledge to carry out the first cut.



- 8.** After cooling down the second cut is carried out with the Mozart knife without the distance sledge.



B. nora[®] 1-component cold weld

A 300 ml cartridge with approx. 450 g nora[®] 1-component cold weld will produce approx. 20-25 r.m./cartridge, depending on the joint width.

Required tools for the joint sealing with nora[®] 1-component cold weld

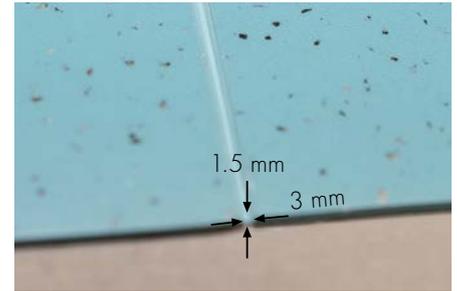
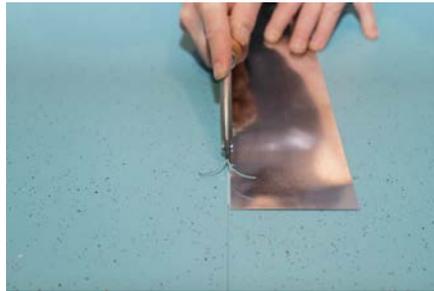


- 1.** Apply nora[®] liquid wax to seam areas. Ensure that no wax penetrates the joints; if necessary, re-groove with the joint cutter. Leave liquid wax to dry completely!



- 2.** Cut open or mill out joints centrally with the joint cutter or electric milling machine.

Joint width approx. 3.0 mm
joint depth max. 1.5 mm



- 3.** Remove milling chips (vacuum cleaner).



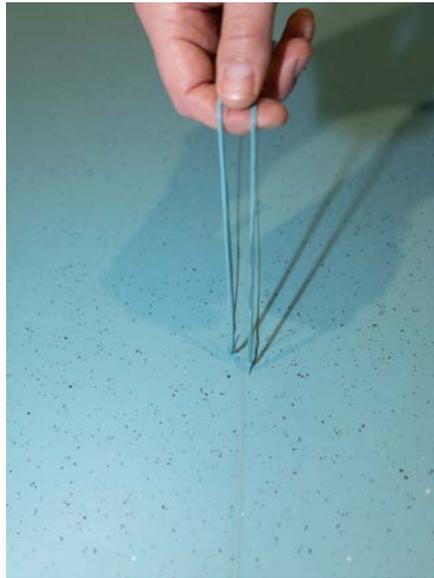
- 4.** First seal the joints in one direction. After the cold weld has cured, seal the seams in the other direction. To do so the 1-component cold weld is spread into the joints without leaving any gaps until a small bulge develops above the seam.



- 5.** Immediately after application the cold weld is pressed into the joint with the nora[®] smoothing spatula by running this evenly over the joint. Thereby, the surplus cold weld is pressed to the left and right of the joint. You have to make sure that the cold weld pressed to the sides is entirely separated from the compound in the joints. Hold the spatula in a position as flat as possible to avoid the development of hollow joints.



6. The surplus cold weld pressed to the sides can be removed after approx. 12 hours.



Once all joints have been correctly sealed, the cold weld paste should be allowed to settle and fully cure prior to being walked upon. **It is important to note that any spilt cold weld paste must be removed immediately as cleaning at a later stage is not possible.**

When sealing joints with any cold weld paste it is state of the art that the compound will dip slightly during the curing process.



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Link to the video:

www.nora.com/installation

