

nora[®] stepfix

Product Description:

Easy and fast-to-use tape that is used to install norament[®] stairtreads. It is odorless and is produced without any formaldehyde, asbestos, lindane, chlorinated biphenyls, pentachlorophenol, solvents, plasticizers or other toxic substances. As well as being non flammable and freeze-thaw stable, it will not dry out or become brittle.

nora stairtreads are designed for straight stairs and cannot be used on winding steps. nora nosings and standard flooring may be used for these applications. Note: the vertical part of nosing on the stairtread or nosing is not designed to be adhered.

With steps that are wider than the stairtreads (~6 feet), it will be necessary to join sections together. nora systems, Inc. recommends staggered fitting (ashlar) of the cuts from one step to the next. Note: when ordering the stairtreads for this purpose, ensure that they are all ordered from the same batch, and when possible use the factory edge for joining.

Always follow the nora Installation Guide and guide specifications that are available on www.nora.com/us. nora systems, Inc. is approved by Lloyd's Register Quality Assurance to the Quality Assurance Management System Standard ISO 9001:2000. Also ISO 14001 Environmental Management Systems Certified.

All nora products are intended for indoor use only, by professional floor installers, in high stressing commercial and industrial sectors, e.g. hospitals, schools, airports, shopping centers, radiant heating and castor chair traffic etc. nora stepfix shall only be used under nora flooring.

Technical Data:

1. Packaging: Brown box, tape is covered by brown paper
2. Roll Sizes: 9.45 inches x 164 feet (240mm x 50m)
3. Color: Clear with a green reinforced fabric
4. Shelf Life: Minimum 2 years
5. Storage: Protect from sun light, cool and dry conditions
6. Freeze / Thaw: Stable per ASTM D7149
7. Open Time: No limit, providing dust free
8. Composition: Fabric and polyacrylate, double-sided dry adhesive tape.
9. Moisture Tolerance: Maximum 75% RH following the protocol of ASTM F2170 using Wagner Rapid RH probes only
10. VOC Content: VOC content is 0 grams/liter; product is in compliance with SCAQMD Rule 1168 Standard for Rubber Floor Adhesives, which has a VOC limit of 60.
11. LEED Contribution: nora stepfix is in compliance with the VOC limits of SCAQMD Rule 1168 required by LEED and can contribute to LEED Credit 4.1-Low Emitting Materials, Adhesives & Sealants.
12. Warranty: As detailed in the nora warranty
13. Application: Utility knife and a straight sharp blade
14. Minimum Working Temperature: 59°F (15°C) at the surface
15. Ideal Working Temperature: Per the flooring requirements
16. Wet Cleaning: Immediately after installation

Conditioning:

The area to receive stairtreads, shall be fully enclosed, weather tight and climate controlled at the normal service ambient temperature and humidity (except walk in freezers or similar) or 68°F ± 5°F and 50% ± 10% ambient relative humidity (RH) for 48 hours before, during and 72 hours after the installation. Stairtreads, adhesives, and accessories must also be acclimated for a minimum 48 hours in advance of the installation.

Preparation of Concrete Stairs:

All stairs shall be permanently dry, clean, smooth, and structurally sound also prepared per ASTM F 710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring. If the concrete stair is damaged, uneven or out of level, then it shall be

properly repaired by an experienced underlayment contractor, following the directions of the nora patch or leveler. The front edge of the step shall be straight and match the shape of the stairtread profile.

nora repair angles are available and must be mechanically fastened, using the fixings supplied, then using nora patch or leveler and fully smooth the step to a suitable surface. This area is subject to the most stress. Once in service, an unprepared step can compromise adhesion and result in damage to the stairtread.

Preparation of Wooden Stairs:

All stairs shall be permanently dry, clean, smooth, level and structurally sound. Sanding is an option to make them smooth. All nails and screws shall be countersunk and filled or removed. Loose boards shall be screwed down or removed and replaced. All gaps and uneven or broken areas shall be repaired or replaced. The front edge of the step shall be straight and match the shape of the stairtread profile.

Stairtread Installation:

Apply nora stepfix to the entire prepared staircase. The stepfix should be flush with the intersection between tread and riser for both applications of the tape, one on riser (fold over the nosing) and one on tread. If the stepfix overlaps on the tread or you slightly crease it during installing, it does not matter. Proceed and press firmly into place with your hand.

Installation of stairtreads should begin with the bottom step. The riser portion of the top stairtread is cut off and trimmed to fit the bottom and sides of the bottom riser. The balance of the stairtread will be required later for the top nosing. Remove the wax paper from the bottom riser and carefully press the pre-cut riser into position and trim the excess off flush with the top of the stair nosing.

Starting at the bottom of the staircase, cut each stairtread to fit the width of the step. The normal method is as follows making sure each step is measured across in at least three locations:

- across the nosing;
- at the intersection between the tread and riser; and
- at the top of the riser.

Add 1/16 inch to the measurements and transfer them to the back of the stairtread, trim to size and undercut both sides to ensure a snug fit. If required, uneven sides should be scribed in using a scribing bar or using a template.

Remove the paper from the tread and place the pre-cut stairtread into position (keep the stairtread nosing tight to the step nosing) and press firmly. Fold the riser section of the stairtread back (onto the tread) and remove the paper from riser. Carefully roll or push the stairtread tight into the intersection between the tread and riser of the step, then correctly position the riser and press firmly. Trim the excess flush with the nosing of the step above, and repeat the process until all of the steps are completed.

Top nosing:

Between the nosing and tread part of the stairtread, there is a gradual reduction of the material thickness. Take care to cut off the nosing (at the appropriate height) so the thickness matches that of the landing flooring. Mark each end of the balance of the stairtread, and using a straight edge and suitable utility knife remove the nosing and discard the tread.

Cut the width of the top nosing to fit. It is the responsibility of the installing party to determine the suitability and porosity of the subfloor and the correct adhesive for this application.

For nora 485 acrylic adhesive, first determine if the substrate is porous. Place a dime sized drop of water on the substrate near the nosing. It must begin to absorb into the concrete within five minutes to be considered porous. For installed leveler or patch (over non-porous substrates) they shall be a minimum of 1/8 inch deep to be considered porous. Then follow the application recommendations of the nora 485 adhesive (1/16 square notch trowel). Painters tape may help holding the nosing in position until the adhesive is set for ~72 hours keeping all traffic off for that period. Keep the rubber nosing tight to the step nosing.

For immediate trafficking, use a suitable solvent free contact adhesive applied to the top step and back of the top nosing following the manufacturer's written instructions, allow the appropriate open time and install the nosing, keeping it tight to the step nosing.

nora 385 PU adhesive may also be used, however painters tape will be required to hold the nosing in position until the adhesive has fully cured ~72 hours keeping all traffic off for that period.

Precautions:

Keep out of reach of children. Keep container closed during storage. Avoid contact with eyes and keep skin wet with clean water to avoid bonding.

Follow all local, state and national regulations.

First Aid:

In case of skin contact, remove immediately then wash thoroughly with soap and water. For eye contact, flush immediately with large amounts of water and obtain medical treatment. If swallowed obtain medical treatment immediately.

Disposal:

Disposal should be in accordance with local, state and national legislation. Can be disposed of as domestic or construction waste, Empty packaging can be recycled after thorough and proper cleaning.

For more information please refer to the MSDS that must be read and fully understood prior to using nora stepfix. The MSDS and Installation Guide is available on www.nora.com/us.

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