

nora[®] dryfix

Product Description:

Easy and fast-to-use adhesive tape that is used to install specific nora[®] floorings. It is odorless, free of organic solvents, formaldehyde, asbestos, lindane, rosins, plasticizers or any other volatile components. It is non flammable and freeze-thaw stable, and will not dry out or become brittle.

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[®] dryfix shall only be used under nora flooring.

Technical Data:

1. Packaging: Brown box, tape is covered by white paper
2. Roll Size: 39.37 inches x 82 foot (1 m x 25m)
3. Color: White with a 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: Paper, 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 < 0.5 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 dryfix 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. nora dryfix is also GREENGUARD Children & Schools Certified.
12. Warranty: As detailed in the nora warranty
13. Application: Utility knife and a straight sharp blade
14. Coverage: 269 square feet
15. Minimum Working Temperature: 59°F (15°C) at concrete surface
16. Ideal Working Temperature: Per the flooring requirements
17. Castor Chairs: Suitable
18. Heavy Foot traffic: Immediately after installation
19. Heavy Rolling Loads: Yes (OR tables, Hospital beds etc) immediately after installation
20. Wet Cleaning: Immediately after install

Conditioning:

The area to receive flooring, 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. Areas of the flooring subjected to direct sunlight, for example, through doors or windows, must have them covered using blinds, curtains, cardboard or similar throughout the installation and for a period of 72 hours after the installation to allow the adhesive to cure.

Concrete Subfloor Preparation:

All subfloors shall be permanently dry, clean, smooth, and structurally sound as per ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring and nora Installation Guide or Guide Specifications. It is the responsibility of the installing party to determine the suitability of the subfloor being covered.

nora dryfix can be used, where appropriate on all grade levels of concrete, in the absence of excessive moisture. It is essential that moisture testing shall be performed regardless of grade level or whether the concrete is freshly poured or classified as an older slab. Test following the protocol of ASTM F2170 – Standard Test Method for Determining Relative Humidity in Concrete Slabs Using *in situ* Probes, with Wagner Rapid RH probes only. Tested at the correct service temperature and ambient humidity, the maximum allowable shall be 75% RH.

If the test results exceed the limitations (75% RH), the installation shall not proceed until the moisture level lowers to an acceptable level, or use the nora membrane following the Installation Guide. Note: making the subfloor surface porous and using the HVAC or dehumidification systems in the correct conditions may help speed up the drying process, however the rate at which the subfloor will dry cannot be confirmed.

On and below grade concrete subfloors, require a confirmed permanently effective vapor retarder with a low permeance (less than 0.1) having a minimum thickness of 10 mils, or meets the requirements of ASTM E1745 Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs. It shall be placed directly underneath the concrete, above the granular fill or use the nora membrane following the nora Installation Guide.

Concrete sub-floors shall not be subject to shrinking, curling, cracking or moving in any way prior to the application of any nora products. nora systems, Inc. accepts no liability for a failure or complaint due to slab movement of any kind. They shall be free of dust, solvents, paint, wax, varnish, oil, grease, asphalt, old adhesives, and other extraneous materials that may interfere with the bond. These shall be completely removed by mechanical means only. Dustless diamond grinding is the preferred method to remove contaminants and bond breakers as it also helps to level the concrete. All local, state and federal regulation shall be followed.

Cracks and uneven surfaces must be filled using nora membrane and or leveler or patch as described in the Installation Guide. nora products shall not be installed over expansion joints. When required, use an industry standard expansion joint assembly. When concrete slabs have or are suspected of having ASR (Alkali Silica Reaction) present or unsuitable surface, do not proceed. Contact the nora Technical Department immediately. Do not use any nora product where hydrostatic pressure can occur.

Existing Flooring Preparation:

For installing on existing smooth resilient flooring, strip off all floor finish and dirt residue using an appropriate stripper and pad, rinse with clean water and allow to fully dry. Check the entire area to ensure the existing flooring is secured to the subfloor. Remove, and replace or repair all loose flooring and vacuum the entire area. Note: nora systems, Inc. accepts no liability for other manufacturer's flooring products or the possible breakdown of that flooring bond from the subfloor for any reason.

Wood Substrate Preparation:

All wooden subfloors shall be a minimum thickness of 1 1/4 inch and double sheeted with overlapping joints using APA (American Plywood Association) underlayment grade plywood, installed as per ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring and nora Installation Guide or Guide Specifications.

Wooden substrates shall not be in direct contact with concrete subfloors, even if built on sleepers. All suspended wood floors shall have adequate underfloor ventilation and a permanently effective vapor retarder or membrane placed directly on the ground beneath the air space.

Other Substrate Preparation:

Please contact the nora Technical Department for any fire retardant surfaces or specific recommendations regarding all other substrates. Do not install over oriented strand board (OSB), particleboard, masonite, lauan, or similar unstable substrates.

Application:

Unroll the nora dryfix tape into position. If required, it can be repositioned providing no downward pressure was applied. Overlap all seams by at least 1/2 inch and press into place using a broom or flat steel trowel, to remove all air pockets. Allow a minimum of 15 minutes before cutting the seams of the dryfix. If the tape has stretched during installation it will return to its original size.

Trace cut all seams without damaging the subfloor, resulting in no overlaps or gaps, then remove the excess material. If required, the tape can now be patched to remove any debris trapped underneath (or repair any short cuts).

Dry lay the flooring as detailed in the appropriate section of the guide, then remove a workable area and vacuum both the surface of the dryfix tape and the back of the flooring, to ensure they are both clean. Remove the protective wax paper, fold or roll it up for ease of disposal. Replace flooring onto the exposed tape and do not stand on it until you are sure of correct positioning, as it is still possible to reposition. Using a heavy roller or a carpet covered glider remove any air bubbles and ensuring a good bond.

Weld all seams, this can be done immediately. For detailed instructions, please refer to the correct welding section of the guide. nora systems, Inc. can not accept any liability for seams that open up or peak due to climate or temperature change when seams are not welded.

Clean up:

Do not wash or perform any maintenance on the floor for a minimum of 72 hours after cold welding to allow it to cure. For heat welded seams cleaning can begin immediately.

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 dryfix. The MSDS and Installation Guide is available on www.nora.com/us.

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