



INSTALLATION INSTRUCTIONS
GERFIX NDT PRIMER & GERFIX NDT TAPE
FOR SHEET GOODS & MODULAR FLOORING

These instructions are specifically written for the installation of the following products.

Products	Coverage
Gerfix NDT Primer	up to 600 sq ft
Gerfix NDT Tape	250 sq ft
NDT Cork Smoother	-
Gerflor Sheet Goods	-
Gerflor Modular Flooring	-

IMPORTANT INSTALLATION NOTES

- For concrete subfloor.
- For other substrates, contact Gerflor technical.
- May be applied over radiated or thermally heated substrates, provided the substrate surface temperature does not exceed 85°F (29°C).
- Rated for subfloor moisture up to 98% RH, 15lbs. Calcium Chloride, pH of 12.
- Acclimate NDT Tape and Primer in the area to be installed for a minimum of 24 hrs. prior to installation.
- Use patching compounds or levelers rated equivalent to or greater than 98% RH.
- Prepare concrete per ASTM F710. Concrete should be mechanically prepared to a CSP 1 to endure a porous and contaminate free substrate.
- It is imperative that there is **NO DUST** present on the substrate for this system to perform optimally. If dust is a concern, use NDT Primer before installing.
- Do not install if the concrete surface temperature is within 5°F of dew point.
- **Only remove as much release paper needed** for the section of flooring currently being installed.

1. GENERAL INFORMATION

- 1.1. Always refer to the **Gerfix NDT Tape technical datasheet**. For the most current copy, visit **GerflorUSA.com**.
- 1.2. Ensure substrate, flooring, and surrounding areas are clean and free from dust.

- 1.3. Wipe your hand across surface to check for dust transfer.



Check the subfloor for dust. It is imperative that the subfloor is completely dust-free for Gerfix NDT Tape to perform optimally.

- 1.4. If dust transfers, the substrate is **not** clean.
- 1.5. Dusty subfloors should be vacuumed or damp mopped to remove the dust.
- 1.6. If dust remains after cleaning, apply Gerfix NDT Primer to ensure the substrate is properly prepared and **dust-free**.
- 1.7. **Do not install** if the concrete surface temperature is within 5°F of dew point.

2. APPLYING GERFIX NDT PRIMER

- 2.1. Always refer to the **NDT Primer technical datasheet**. For the most current copy, visit GerflorUSA.com.
- 2.2. **Only for use on concrete subfloors.**
- 2.3. Vacuum subfloor thoroughly to remove any loose material or residual dust before applying the primer.



IMPORTANT: Thoroughly vacuum the subfloor to ensure all grit and dust is removed.

- 2.4. If dust remains after cleaning, apply Gerfix NDT Primer to ensure the substrate is properly prepared and **dust-free** to ensure proper bonding.
- 2.5. Shake container well before using to ensure the product is mixed thoroughly.
- 2.6. **Do Not dilute with water.** Gerfix NDT Primer is **ready to use**.

- 2.7. Apply an even coat of primer onto the substrate using a 3/8-inch nylon, shed resistant paint roller.



If dust is present, apply Gerfix NDT Primer and wait until completely dry before proceeding.

- 2.8. Do not allow pooling. Roll out the primer to create consistent, uniform coverage.
- 2.9. Allow the primer to dry for a **minimum of 1 hour** before applying the **Gerfix NDT Tape**.
- 2.10. To confirm the primer is completely dry, place a dime-sized drop of water on the surface:
- 2.10.1. If the water stays beaded, the primer is dry.
 - 2.10.2. If the water re-emulsifies the primer, allow additional drying time.

3. GERFIX NDT TAPE CONTENTS

- 3.1. The Gerfix NDT Tape contents includes both perimeter tape (2" x 98.52') and main NDT tape (2.46' x 98.42'). The perimeter tape is installed first, followed by the main tape which overlaps the perimeter tape by 1/2 inch.

4. APPLYING GERFIX NDT PERIMETER TAPE

- 4.1. The perimeter tape makes the installation of the Gerfix NDT Tape easier to fit and trim around walls and other obstacles.
- 4.2. Apply perimeter tape as close to the walls as possible and rub down **firmly** to ensure adequate adhesion.

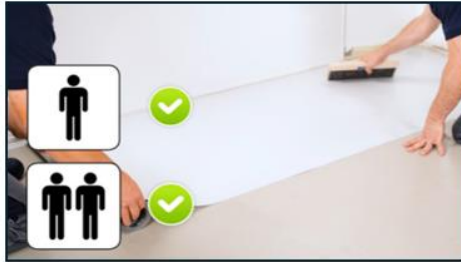


Apply Gerfix NDT perimeter tape around all walls and obstacles, pressing down firmly to ensure adequate bonding. This will make applying and fitting the field tape easier.

- 4.3. **IMPORTANT:** Do not remove release paper at this time.

5. APPLYING GERFIX NDT TAPE

- 5.1. Starting at the wall, apply the NDT tape to the subfloor, overlapping the perimeter tape by approximately ½ - inch. This can be done by one or two installers.
- 5.2. If two installers are present, the first installer holds the tape approximately ½ inch over the perimeter tape while the second installer back-rolls a few feet of tape, keeping it suspended until alignment is correct. Once aligned, lower the tape into place.



Use the NDT Cork Smoother to rub down the tape while working out any trapped air.

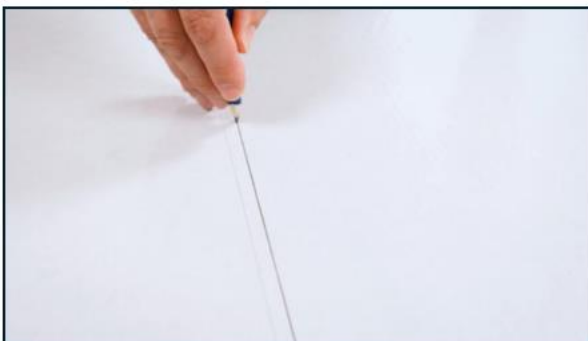
- 5.3. Use the Gerfix NDT Cork Smoother or a push broom to rub down the Gerfix NDT tape pushing the trapped air toward the edges. This can also be done with a push broom once the roll has been set in place.

Note: The NDT Cork Smoother is a tool that helps rub the tape down during application to ensure all the air is expelled.



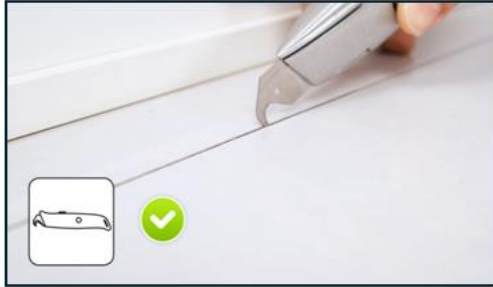
Once the NDT Tape is set and aligned, a push broom can be used to continue rubbing down the tape while the other installer unrolls it, leaving it low to the floor and slightly suspended.

- 5.4. Continue applying consecutive runs of tape, overlapping each row by at least ½ inch.
- 5.5. Using a **soft-lead pencil**, trace the overlapped seams, then cut along the traced line using a **hook knife**.



Using a soft-lead pencil, trace mark the overlapped seams.

- 5.6. Using a hook blade, cut along the traced line ensuring the gap in **no greater than 1mm (1/32 inch)**.



DO NOT use a utility knife. Use a hook blade for this process, as it can cause floor patch to crumble and contaminate the seams.

- 5.7. **IMPORTANT:** When trace-cutting, the gap must be no greater than 1mm (1/32-inch).

→ **Proceed to Section 6 for sheet-goods installation or to Section 7 for modular-flooring installation.**

6. SHEET GOODS INSTALLATION

- 6.1. Allow flooring to acclimate inside the installation area for a minimum of 24 hours before installation. Be careful not to cut into or puncture the tape during this process.
- 6.2. Lay out rolls and allow them to relax for 16 hours.
- 6.3. Fold back (or roll back) the sheets halfway and remove the release paper as needed, starting from the point farthest from the rolls.



Remove the release paper, starting from the farthest point of where the flooring is folded back.

- 6.4. Place a straightedge on the tape next to the folded back flooring 3 inches and tear the tape in a straight, clean line. Then, fold and crease the release paper underneath the folded back flooring to create a “pull flap”. When the other side of the roll is folded back, the pull flap is exposed, making it easier to remove the release paper.
- 6.5. Lay the flooring onto the tape. Use NDT Cork Smoother to smooth out the flooring and ensure full contact with the tape.
- 6.6. Fold back the remaining half of the flooring, remove the release paper, and continue laying the flooring onto the tape.

- 6.7. Avoid “flopping” the sheets onto the tape, which may cause trapped air. (bubbles)
- 6.8. Using a 100-lbs sectional steel roller, roll the flooring first across the width, then the length, to ensure proper bonding and removal of air that may cause air bubbles. Optimally, one installer should be responsible solely for rolling.



Roll the flooring with a 100-lb sectional steel roller, first in the width and then in the length, to ensure proper bonding and to **evacuate any trapped air**.

- Important:** Do not walk on the floor until it has been smoothed with the NDT Cork Smoother or rolled with a 100 lb. roller. Walking on the flooring prematurely can trap air beneath it, which will result in bubbles.
- 6.9. Always roll seams, edges at walls, and areas under toe-kicks with a hand roller to ensure 100% transfer to the tape.
 - 6.10. Continue installing sheets, maintaining a 1/32-inch gap, trimming each side with a straight edge or by overlapping and under scribing. The goal is to achieve a consistent 1/32-inch spaced seam for welding.
NOTE: Once the flooring has been laid into the tape, it cannot be re-positioned. For this reason, overlapping and underscribing seams is the preferred seaming method.
 - 6.11. Inspect for bubbles by viewing the floor from standing and prone positions, with lights both on and off. A low-level light source can help identify air bubbles.
 - 6.12. Heat welding may begin immediately after installation.
 - 6.13. Following all steps above is essential for achieving a successful installation with optimal long-term performance over the life of the floor.
 - 6.14. **Floor is open to all traffic immediately after installation.**

7. MODULAR FLOORING INSTALLATION

- 7.1. Allow flooring to acclimate a minimum of 24 hours inside the installation area before installing.
- 7.2. Starting from the center line and working outward, use a straight edge to tear the release paper back to create a control line, and then begin to install the modular flooring.



Layout lines can be marked on the release paper, and a metal straightedge can be used to tear the paper in a straight line.

- 7.3. Lay the modular flooring firmly against adjoining rows and press them into the tape.
- 7.4. After installation is complete, immediately roll the floor thoroughly in both directions using a 3-section, 100-lb roller.



Roll the flooring with a 100-lb sectional steel roller, first in the width and then in the length, to ensure proper bonding and to **evacuate any trapped air**.

- 7.5. Always roll around walls and under toe-kicks using a hand roller to ensure 100% adhesive transfer
- 7.6. During installation, with lights both on and off, carefully inspect the flooring for air bubbles using portable, ambient, and/or fixed lighting.
- 7.7. Following the above steps is critical to achieving a successful installation and ensuring optimal long-term performance of the floor.
- 7.8. **Floor is open to all traffic immediately after installation.**

8. CLEANUP

8.1. Use water to clean up the primer.

8.2. Disposal of release paper.



For easier and more compact disposal, stack the remnants of the release paper flat and then roll them up instead of crumpling them.

For additional information, please contact Gerflor Customer Support at 1-877-437-3567.

Please visit GerflorUSA.com for most current installation instructions.

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