



DESCRIPTION

TreadBond is a fast-curing 100%-solids, moisture-curing, gun-grade adhesive designed for the installation of wood, HDF and vinyl stair treads, as well as vinyl and HDF stair noses.

FEATURES AND BENEFITS

- 2-hour curing time
- High bond strength
- Excellent elongation properties

WHERE TO USE

- For the bonding of most common tread materials such as wood, HDF, and vinyl
- Interior residential (rental apartments, condominiums, and homes)
- Interior commercial (office buildings, hotel rooms/hallways, and restaurant dining areas)
- Interior heavy commercial (hotel lobbies, convention centers, airports, and department stores)
- Interior institutional (hospitals, schools, universities, libraries, and government buildings)

LIMITATIONS

- Do not install over any substrates containing asbestos.
- Do not apply over any adhesive residues including cutback adhesive.
- Install only when the substrate temperature is between 20°F and 100°F (-7°C and 38°C). Low temperatures and low humidity will extend curing times.
- Do not use as a substitute for screws.
- For interior installations only.
- Do not install in areas with known hydrostatic moisture, osmotic blistering, or alkali silica reaction conditions.
- Install only when the substrate temperature is between 40°F and 100°F (4.5°C and 38°C) and the ambient relative humidity is above 30%. Low temperatures and low humidity will extend curing times.

SUITABLE SUBSTRATES

- Exterior-grade plywood and other approved wood base subfloor materials (per tread manufacturer recommendations)
- Properly prepared cement terrazzo
- Properly prepared fully bonded ceramic tile
- Properly prepared cement-based self-leveling underlayments and patching compounds (per manufacturer recommendations)
- Properly primed gypsum that meets the requirements for compressive strength according to ASTM F2419
- Concrete stairs with metal reinforced noses
- Fully cured concrete at least 28 days old and installed according to ASTM F710 (see "Limitations" section)
- Properly prepared steel that has been sanded to the metal

SURFACE PREPERATION

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- All surfaces must be level, even, flat and smooth.
- Concrete and cement-based levelers and patches must be fully cured and free of any hydrostatic and/or moisture problems.

MIXING

Ready to use, no mixing is necessary.



PRODUCT APPLICATION WOOD/VINYL/HDF

Read all installation instructions thoroughly before installation.

1. Insert the TreadBond cartridge into a suitable caulking gun.
2. Cut the tip and puncture the inner seal.
3. Apply a serpentine bead of adhesive to the substrate.
4. Only apply as much adhesive as can be installed within 15 to 30 minutes under normal temperature and humidity conditions.
5. Curing time may be accelerated by a light misting of water over the extruded adhesive before installation of the materials to be bonded. (Do not puddle water.)

CLEANUP

- Immediately clean tools with mineral spirits while the adhesive is still fresh/wet.
- Immediately clean any adhesive smudges from the surface of the tread with mineral spirits while the adhesive is still fresh/wet.
- Dried TreadBond residue may be removed by gently rubbing with a white cloth to remove excess and then wiping lightly.

PROTECTION

Protect from light traffic for at least 12 hours. Protect from heavy traffic for at least 24 hours.

- Building owners should be advised of the tread manufacturer's guidelines for climate control settings (temperature and humidity). These conditions must be monitored and kept constant in order to ensure the overall performance and long-term success of the installation.

PROTECT FROM FREEZING

- Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

PRODUCT PERFORMANCE PROPERTIES

Labratory Tests	Results
Polymer Type	Silane-modified
Solids Content	100%
VOCs (Rule #1168 of California's SCAQMD)	< 20 g per L
Density	12.9 lbs. per U.S. gal. (1.53 g per mL)
Flash Point (Tag)	> 200°F (93°C)
Elongation	> 200%

Shelf Life	1 year when stored in original, unopened packaging at 73°F (23°C)
Consistency	Smooth Paste
Color	White
Service Temperature Range	-10°F to 200°F (-23°C to 93°C)
Curing Time	120 to 150 minutes
Storage Conditions	50°F to 90°F (10°C to 32°C)



Over Porous and Nonporous Substrates	Flash Time*	Working Time**
At 73°F (23°C) and 50% Relative Humidity	N/A	15 to 30 Minutes

Shelf Life and Product Characteristics

Application Properties

** Flash time is the recommended amount of time for a freshly applied adhesive to remain exposed to the air before the bonding of materials.*

*** Working time is the maximum amount of time that an adhesive can remain exposed to the air and still effectively bond the materials together.*

Note: Working time will vary based on temperature, humidity, substrate porosity and jobsite conditions.

CONTAINER

Plastic Cartridge – 29 U.S. oz. (858mL)