



STRONGHOLD

3070 | MOLDING & STAIR TREAD ADHESIVE

Technical Data Sheet



- RESIDENTIAL
 |
 MULTIFAMILY
 |
 LIGHT COMMERCIAL
 |
 HEAVY COMMERCIAL

DESCRIPTION

Adhesive that ensures moldings stay put. High-strength, flexibly bonded, and resistant to high alkalinity. Comes in tube for use with a caulking gun.

APPROVED FLOORING TYPES

SPC, WPC. Wood: Acrylic Impregnated Plank, Bamboo, Cork (flooring, cork-backed hard surface, underlayment), Hardwood (engineered, parquet, solid)

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association-grade particleboard
- Cement backer board
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Existing well-bonded non-cushion-backed vinyl, tile and sheet flooring
- Fully secured cork underlayments
- Gypsum and lightweight concrete (primed with Urban Surfaces' Advantage or Trilogy)
- Terrazzo (properly prepared with all waxes and surface finishes removed)
- Well-bonded residue from cutback adhesives

SUBSTRATE & SURFACE PREPARATION

- Follow LVP/LVT manufacturer's guidelines for all applicable federal, state, and local fire/burn regulations. Substrate must be properly prepared including, but not limited to the following:
 - Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds, or unapproved mixtures.
 - Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The substrate, any added subfloor coatings, product (Stronghold), and any flooring/moldings that follow must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15.5-35°C), and between 30-65% relative humidity, for at least 72 hours before, during, and permanently after the installation.
 - When installing over radiant heated subfloors, turn the heat off for 24 hours before, during, and 24 hours after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°F (29°C).

SUBSTRATE & SURFACE PREPARATION (continued)

- Wood underlayments must have a moisture content below 12% using a Tramex or Delmhorst moisture meter.

Precautionary Notes:

- When installing thin-gauge wood (solid or engineered), irregular substrates may telegraph through as adhesive pulls wood down during curing stages. Therefore, substrates must be properly leveled (see ASTM F710) to prevent telegraphing.
- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days) and without hydrostatic pressure.
- Flooring must be acclimated per manufacturer's guidelines.

APPLICATION INSTRUCTIONS

Follow LVP/LVT manufacturer's guidelines for layout, design and any special precautions for installation. Plan your installation pattern before placing flooring into the adhesive and avoid repositioning.

- Spread adhesive** using a 30 oz caulking gun. Apply product to either the back of the plank or to the substrate in a serpentine pattern, making sure to apply a sufficient amount of adhesive for proper bond.
- Install flooring and/or moldings** immediately after adhesive is applied.
 - Working time is approximately 45 mins under acceptable temperature and humidity conditions.
 - When used to install wood transitions, the use of approved blue tape to temporarily hold the transition in place may be necessary until installation is complete.

Precautionary Note:

- When installing unfinished wood flooring, wait a minimum of 72 hours before sanding.
- Reseal cap when not in use to protect product.

CLEANING INSTRUCTIONS

- **While product is still wet:** Use a damp cloth and water to remove.
- **While product is still soft:** Use a remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). PROTECT FROM FREEZING.


CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services at **(800) 492-8722** and visit us online at urbansurfaces.com. Urban Surfaces' written pre-installation and installation instructions must be strictly followed or the Urban Surfaces warranty will be void.

REQUIRED TOOLS AND COVERAGE

APPROVED INSTALLATION TYPES	TOOLS*	ESTIMATED COVERAGE**
For SPC and WPC Moldings and Stair Treads	 30oz Caulking Gun	Dependant on User

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to. **Coverage is approximate and may vary depending on porosity of substrate.



PRODUCT CHARACTERISTICS

Product Classification	Modified Urethane (Isocyanate Free)
Base Chemistry	STPE Polymer-Based (Hybrid Propel®)
Curing Method	Moisture Cure
Appearance/Color	Off-White
Odor	Extremely Low
Consistency	Smooth, Medium Viscosity Liquid
Application	Easy Troweling
Flammability	Non-Flammable
Freeze/Thaw	Protect From Freezing
Shelf Life [Unopened Container at 70°F]	1 Year

TESTING

Moisture Control	No
RH [ASTM F2170]	N/A
pH	N/A
MVER [ASTM F1869]	N/A
Porosity [ASTM F3191]	Must Pass, CSP 1+

TIME

Open Time	0 min
Flash Time	N/A
Working Time	45 mins
Cure Time	12 hrs
Pot Life	N/A

TRAFFIC

Light Traffic	6 hrs
Heavy Traffic	6 hrs
Rolling Loads	N/A

ACCOUSTICS*

STC	N/A
IIC	N/A
Delta ΔIIC	N/A

SUSTAINABILITY

Solvents	No
Isocyanates	No
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 0.1 g/L
Bio-Based Content	No
Post-Consumer Recycled Content	No
Mineral Abundant Content	Yes
LEED v4/4.1 Points	Contributes to Low Emitting Materials
Certifications	FloorScore
Transparency	USGBC Member

WARRANTY**

Duration	10-Year Performance Warranty
Coverage	Bond

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. **For warranty information, view Product Warranty Certificate. | For any questions or further information, please contact Urban Surfaces. (800) 492-8722 | info@urbansurfaces.com | urbansurfaces.com