



FlexPress: Hard-Set, Transitional Pressure-Sensitive Adhesive
FlexPress adhesive goes above and beyond by withstanding severe moisture and alkalinity. Offering the upfront benefits of a PSA, it quickly transitions; fully cross-linking into a hardset to securely lock your flooring in place. With its aggressive, fast-grab design, FlexPress handles the pressure of heavy rolling loads with ease.

Approved Flooring Types

RESILIENT: Linoleum, Modular (*PVC Free Resilient Tile & Plank, LVP, LVT, Rigid Core [Dryback], SVT, VCT, VET, Woven*), Rubber (*Crumb, Sheet, Tile*), Sheet (*Fiberglass, Heterogeneous, Homogeneous, Woven*), Stair Treads (*Rubber, Vinyl*)

CARPET: Broadloom (*6 ft, Vinyl-Backed*)

WOOD: Cork (*Cork-Backed Hard Surface, Underlayment*)

Suitable Substrates

APA underlayment-grade plywood and OSB

Association-Grade Particleboard

Cementitious And Anhydrite Screeds

Cement Backer Board

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 Performance Accessories® Primecoat*)

Terrazzo (*Properly Prepared With All Waxes And Surface Finishes Removed*)

Substrate Requirements

RH: 99% [ASTM F2170]

pH: 5–12 [ASTM F710]

PRECAUTIONARY NOTE: This product does not form a moisture vapor barrier and will not protect flooring from moisture damage. The manufacturer is not responsible for failures caused by significant plasticizer migration from flooring, contamination, or substrates.

Substrate & Surface Preparation

Follow flooring manufacturer's guidelines for allowable levels of moisture. Substrate must be prepared per ASTM F710 standards 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, contaminants from sweeping compounds, 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.

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, adhesive, and flooring must be acclimated in an enclosed building with the HVAC operational at service temperature, between 60°F-95°F (15°C–35°C) and between 30% and 65% relative humidity, for at least 72 hours prior to, during, and permanently after installation.

When installing over radiant heated subfloors, turn the heat off for 24 hours before, during, and 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).

PRECAUTIONARY NOTE: 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*), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.

Flooring must be acclimated per manufacturer's guidelines.

Surface Preparation




Follow flooring manufacturer's guidelines for layout, design, and any special precautions for installation.

1. Spread adhesive using required tools.
2. Install flooring per instructions below dependent upon desired application (*flash and working times dependent upon temperature and humidity*).
 - Dry-set, PSA (*porous and nonporous substrates*).
 - Wait 30–60 minutes after adhesive is spread to allow flash off. Adhesive will darken to visually cue installer.
 - Working time ~3 hours.
 - Semi-wet set (*porous substrates only*).
 - Wait 20–30 minutes after adhesive is spread to allow it to skin over.
 - Working time 20–30 minutes.
 - For sheet vinyl, back-roll adhesive with adhesive saturated roller to smooth out trowel ridges.
 - Semi-wet set (*porous substrates only*).
 - Wait 20–30 minutes after adhesive is spread to allow it to skin over.
 - Working time 20–30 minutes.
 - For sheet vinyl, back-roll adhesive with adhesive-saturated roller to smooth out trowel ridges.
3. Roll and cross roll floor with a 75–100 lb roller at the end of the installation to ensure proper adhesive transfer.
 - Sheet goods — roll from center toward perimeter to expel trapped air.
 - Check flooring after 2 hours and roll again if necessary.

PRECAUTIONARY NOTES: Although this is a high-moisture-tolerant adhesive, it does not form a moisture vapor barrier and will not protect flooring from moisture damage. Wait 24 hours before heat welding sheet goods. Wait 72 hours before wet mopping or stripping/finishing the floor. Reseal lid when not in use to protect product.

Required Tools & Coverage*

*Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

Flooring Types	Tool (Images NTS)		Estimated Coverage
RESILIENT:			
<i>Modular (PVC Free Tile & Plank, LVP/LVT [nonporous], SVT, VCT, VET)</i>			
Sheet (<i>heterogeneous/homogeneous/woven [nonporous]</i>) Stair Treads (<i>rubber, vinyl</i>)	1/16" x 1/32" x 1/32" U-Notch		220–260 ft ² /gal
CARPET: Broadloom (<i>6 ft, vinyl-backed</i>)			
WOOD: Cork (<i>cork-backed hard surface, underlayment</i>)			
RESILIENT:			
<i>Linoleum, Modular (PVC Free Tile & Plank, LVP/LVT [porous], rigid core [dryback], woven)</i>			
<i>Rubber (crumb, sheet tile)</i>			
Sheet (<i>heterogeneous/homogeneous/woven [porous]</i>) Stair Treads (<i>rubber, vinyl</i>) Stair Treads (<i>rubber, vinyl</i>)	1/16" x 1/16" x 1/16" Sq Notch		150–180 ft ² /gal
CARPET: Broadloom (<i>6 ft, vinyl-backed</i>)			
WOOD: Cork (<i>cork-backed hard surface, underlayment</i>)			
RESILIENT: Sheet (<i>fiberglass</i>)	Roller		Up to 350 ft ² /gal

Note: 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.

Cleaning Instructions

While product is still wet: Use a damp cloth and water to remove.

While product is still soft: Use denatured alcohol, mineral spirits, or an adhesive remover/stripper. Always check compatibility on a piece of scrap flooring.

Storage

This product should be stored at temperatures between 50°F and 90°F (15°C–32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze-thaw stable to 10°F (-12°C).

Caution

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

Product Information		
Product Characteristics	Product Classification	Hard-Set, Transitional Pressure-Sensitive Adhesive
	Base Chemistry	Hybrid acrylic
	Curing Method	Proprietary cross-linking
	Appearance/Color	Light tan (<i>wet</i>), dark, translucent tan (<i>dry</i>)
	Odor	Extremely low
	Consistency	Smooth, medium-viscosity liquid
	Application	Easy troweling
	Flammability	Nonflammable
	Freeze/Thaw	Stable to 10°F (-12°C) [3 cycles]
	Shelf Life [Unopened Container at 70°F]	2 years
Testing	Moisture Control	No
	RH [ASTM F2170]	99%
	pH	5–12
	MVER [ASTM F1869]	12 lbs
	Porosity [ASTM F3191]	N/A
Time	Open Time	20–30 min (<i>semi-wet-set</i>)
	Flash Time	30–60 min (<i>PSA</i>)
	Working Time	20–30 min (<i>Semi-wet-set</i>); 3 hrs (<i>PSA</i>)
	Cure Time	12 hrs
	Pot Life	N/A
Traffic	Light Traffic	0 min (<i>PSA</i>), 12 hrs (<i>Semi-wet-set</i>)
	Heavy Traffic	24 hrs
	Rolling Loads	48 hrs
Acoustics	STC	No
	IIC	No
	Delta IIC	No
Sustainability	Solvents	No
	Isocyanates	No
	VOC Wet Applied [g/L] [SCAQMD Rule #1168]	< 14 g/L
	Bio-Based Content	Yes
	Post-Consumer Recycled Content	Yes
	Mineral-Abundant Content	Yes
	LEED v4/4.1 Points	Contributes to low-emitting materials
	Certifications	FloorScore®, Green Label Plus®, GREENGUARD®, Material Health Certificate — Silver
	Transparency	Mindful MATERIALS Library, USGBC Member
Warranty	Duration (<i>non-CFI Certified</i>)	10-Year Performance Warranty
	Duration (<i>CFI Certified</i>)	Lifetime Performance Warranty
	Coverage	Bond

Note: 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.

For warranty information, view Product Warranty Certificate.

Disclaimer

FOLLOW THESE INSTRUCTIONS COMPLETELY OR DO NOT USE THIS PRODUCT. Users should determine the suitability of this information and product for their own purpose or application. The manufacturer is not responsible for the misuse of this product. This adhesive is not a moisture barrier and should not be installed/treated as such. This adhesive is not a substrate moisture sealer and does not form a protective barrier. This product is only warranted to maintain an adhesive bond when used over substrates specified in this document or as prescribed by the flooring manufacturer. ASTM F2659 impedance readings that exceed 3.5% may void the warranty.