

### APPROVED FLOORING TYPES

**CARPET:** Broadloom (Action-Bac, jute-back, double-stick - carpet-to-cushion & cushion-to-substrate, hot-melt-backed, non-vinyl-backed patterned, polyurethane, rubber-backed, unitary & unitary Action-Bac, woven-backed) **RESILIENT:** Linoleum, Sheet (felt-backed) **WOOD:** Cork (cork-backed hard surface, underlayment)

### 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 a universal primer)
- Terrazzo (properly prepared with all waxes and surface finishes removed)

### SUBSTRATE TESTING

**RH** - 90% [ASTM F2170]

**pH** - 5-9 [ASTM F710]

**MVER** - 8 lbs [ASTM F1869]

### SUBSTRATE & SURFACE PREPARATION

Follow flooring manufacturer's guidelines. 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 60-95°F (15-35°C), and between 30-65% 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 NOTES:

- 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 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 (open and working times dependent upon temperature and humidity). Periodically lift flooring material to verify proper transfer of adhesive.
  - Direct glue down
    - Wait 15-45 minutes to allow it to firm-up
    - Working time ~15-60 minutes
  - Underlayment and double-stick (cushion to carpet)
    - Wait 30-45 minutes to allow it to firm-up
    - Working time ~30-60 minutes





3. Seal seams per flooring manufacturer's instructions.
4. Work out trapped air pockets by starting from center and rolling toward perimeter while adhesive is still soft.

### PRECAUTIONARY NOTE:

- Reseal lid when not in use to protect product.

### REQUIRED TOOLS AND COVERAGE

\*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

FLOORING TYPES	TOOL* (IMAGES NOT TO SCALE)	ESTIMATED COVERAGE	
<b>BOND ONLY</b>			
<b>CARPET:</b> Broadloom (double-stick cushion-to-substrate, polyurethane, rubber-backed) <b>WOOD:</b> Cork (cork-backed hard surface)	3/32" x 3/32" x 3/32" V Notch		90-120 ft <sup>2</sup> /gal
<b>RESILIENT:</b> Linoleum, Sheet (felt-backed) <b>WOOD:</b> Cork (underlayment)	1/16" x 1/16" x 1/16" Sq Notch		150-180 ft <sup>2</sup> /gal
<b>CARPET:</b> Broadloom (Action-Bac, jute-back, hot-melt-backed)	1/8" x 1/8" x 1/16" V Notch		90-120 ft <sup>2</sup> /gal
<b>CARPET:</b> Broadloom (double-stick carpet-to-cushion, non-vinyl-backed patterned, unitary & unitary Action-Bac, woven-backed)	1/8" x 1/8" x 1/16" U Notch		50-65 ft <sup>2</sup> /gal

\*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 50-90°F (15-32°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.

### WARRANTY INFORMATION

For warranty information, call Technical Services at 877-238-3225, visit us on the web at [www.my-nfp.com](http://www.my-nfp.com) or e-mail us at [customerservice@nationalflooringproducts.com](mailto:customerservice@nationalflooringproducts.com). Flooring manufacturer's and National Flooring Products written pre-installation and installation instructions must be strictly followed or the National Flooring Products warranty will be void.

### PRODUCT INFORMATION

<b>PRODUCT CHARACTERISTICS</b>	<b>Product Classification</b>	Hard-Set, Multi-Purpose Adhesive
	<b>Base Chemistry</b>	Synthetic Latex & Hydrocarbon Resin Blend
	<b>Curing Method</b>	Evaporation
	<b>Appearance/Color</b>	Off-white to cream
	<b>Odor</b>	Extremely low
	<b>Consistency</b>	Smooth, medium viscosity liquid
	<b>Application</b>	Easy troweling
	<b>Flammability</b>	Non-flammable
	<b>Freeze/Thaw</b>	Stable to 10°F (-12°C) [3 cycles]
	<b>Shelf Life</b> [Unopened Container at 70°F]	2 years
<b>TESTING</b>	<b>Moisture Control</b>	No
	<b>RH</b> [ASTM F2170]	90%
	<b>pH</b>	5-9
	<b>MVER</b> [ASTM F1869]	8 lbs
	<b>Porosity</b> [ASTM F3191]	N/A
<b>TIME</b>	<b>Open Time</b>	15-60 min (direct glue down); 30-60 min (underlayment/double stick cushion to carpet)
	<b>Flash Time</b>	N/A
	<b>Working Time</b>	15-120 min (direct glue down); 30-120 min (underlayment/double stick cushion to carpet)
	<b>Cure Time</b>	12 hrs
	<b>Pot Life</b>	N/A
<b>TRAFFIC</b>	<b>Light Traffic</b>	12 hrs (direct glue-down/underlayment), 24 hrs (double-stick)
	<b>Heavy Traffic</b>	24 hrs (direct glue-down/underlayment), 48 hrs (double-stick)
	<b>Rolling Loads</b>	N/A
<b>ACOUSTICS*</b>	<b>STC</b>	N/A
	<b>IIC</b>	N/A
	<b>Delta IIC</b>	N/A
<b>SUSTAINABILITY</b>	<b>Solvents</b>	No
	<b>Isocyanates</b>	No
	<b>VOC Wet Applied</b> [g/L] [SCAQMD Rule #1168]	< 12 g/L
	<b>Bio-Based Content</b>	Yes
	<b>Post-Consumer Recycled Content</b>	No
	<b>Mineral Abundant Content</b>	Yes
	<b>LEED v4/4.1 Points</b>	Contributes to low emitting materials
	<b>Certifications</b>	FloorScore®, Green Label Plus®, GREENGUARD®
<b>Transparency</b>	N/A	
<b>WARRANTY**</b>	<b>Duration</b>	10-Year Performance Warranty
	<b>Coverage</b>	Bond

\*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. For any questions or further information, please contact National Flooring Products Technical at 877-238-3225.

\*\*For warranty information, view Product Warranty Certificate.