

TECHNICAL DATA SHEET: SIGNATURE 3000 PREMIUM PRESSURE SENSITIVE ADHESIVE CARPET TILE

DESCRIPTION:

With its high-tack, fully repositionable design and immediate access for light traffic, gives freedom to move around. Signature 3000 Adhesive is designed for Carpet Tile products.

Installation Instructions

Refer to Signature's Carpet Tile installation guidelines for additional information.

APPROVED SUBSTRATES & SURFACES:

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Cement backer board
- Existing well-bonded non-cushion-backed vinyl, tile and sheet flooring
- Fully secured cork underlays
- Gypsum and lightweight concrete sealed with an approved primer
- Terrazzo (properly prepared with all waxes and surface finishes removed)

SUBSTRATE TESTING:

RH – 90% [ASTM F2170]

pH – 5-9

MVER – 10 lbs [ASTM F1899]

SUBSTRATE PREPARATION:

Follow flooring manufacturer's guidelines for allowable levels of moisture. Substrate must be prepared per ASTM F710-05 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, 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 Portland-based 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 between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the 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°

PRECAUTIONARY RULES:

- 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 (see tool chart below).
2. Install flooring
3. Wait 30-60 minutes after adhesive is spread to allow it to dry.
4. Working time is approximately 24 hours under acceptable temperature and humidity conditions. Adhesive must properly transfer to the flooring.
5. Roll and cross roll floor with a 75-100 lbs (34-45 kg) roller at the end of the installation to ensure proper transfer of adhesive.

PRECAUTIONARY NOTES:

Reseal lid when not in use to protect product

REQUIRED TOOLS AND COVERAGE:

Flooring Type	Tool*	Estimated Coverage
Carpet Tile (hard & soft-backed)	1/16" x 1/16" x 1/16"x (1.6 mm x 1.6 mm x 1.6 mm) Sq Notch	150-180 sf/gal

Carpet Tile (hard & soft-backed)	1/16" x 1/32" x 1/32"x (1.6 mm x 0.8 mm x 0.8 mm) U Notch	220-260 sf/gal
Carpet Tile (hard-backed)	3/8" (10 mm) Short nap paint roller	Up to 350 sf/gal

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

It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper 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 Taylor Touchdown #9 adhesive remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring

PRODUCT CHARACTERISTICS	
Product Classification	Pressure Sensitive Adhesive
Base Chemistry	Hybric Acrylic
Curing Method	Proprietary modified cross-linking
Appearance	Cream to light yellow
Consistency	Smooth, low viscosity liquid
Application	Easy troweling or roller applied
Flammability	Non-Flammable
Freeze/Thaw	Stable to 10°F (12°C)
Shelf Life	2 years
MOISTURE	
Moisture Control	N/A
RH	95%
pH	5-9
MVER	10 lbs
TIME	
Open Time	N/A
Dry Time	30-60
Working Time	24 hrs
Cure Time	24 hrs
Pot Life	N/A
TRAFFIC	
Light Traffic	0 min
Heavy Traffic	24 hrs

Heavy Rolling Loads	48 hrs
SUSTAINABILITY	
Solvents	None
Isocyanates	None
VOC (g/L) – SCAQMD Rule#1168	11
LEED Points	Contributes to low emitting materials
Certifications	Greenguard, FloorScore, CRI Green Label Plus
ACOUSTICS	
IIC (Delta)	N/A
STC (Delta)	

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.

CAUTION:

For warranty information, call Technical Services at (800) 809-7086 Ext 5104 web at www.signatureflooring.com. Flooring manufacturer's written pre-installation and installation instructions must be strictly followed or Signature Flooring Warranty will be void.