

EnPress is specially designed for the installation of all types of carpet tiles as well as a wide variety of resilient flooring types. EnPress is non-flammable and has low odor and low VOC's which makes it ideal for use in schools, health care facilities, public buildings, and anywhere odor is a concern. This adhesive also meets or exceeds VOC emission levels set by California SCAQMD Rule 1168 and contains dual antimicrobial protection.

## FEATURES AND BENEFITS

- Quick tack
- Aggressive bond
- Superior shear strength and dimensional stability
- High moisture resistant
- Up to 4 hours of working time
- Low odor and VOC content

## USES

- Approved for use with luxury vinyl tile and luxury vinyl plank, vinyl enhanced tile, quartz tile, bio-based tile, fiberglass reinforced vinyl sheet flooring, solid vinyl sheet flooring, reground rubber underlayment, cork underlayment, and vinyl, polyolefin, felt, and bituminous backed carpet tiles.
- Interior residential (rental apartments, condominiums, and homes)
- Interior commercial (office buildings, hotel rooms and 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

- For interior installations only
- Do not install over substrates containing asbestos.
- Install flooring only in areas that are recommended by the flooring manufacturer.
- Do not install into wet adhesive over non-porous substrates.
- Do not apply directly over any adhesive residues, including cutback adhesive.
- Do not install in areas with known hydrostatic moisture, osmotic blistering, or alkali silica reaction conditions.
- Use only when the substrate temperature is between 65°F and 90°F (18°C and 32°C).
- Do not install unless the surface temperature of the substrate is 10°F (5°C) above the dew point.
- Do not install when the moisture vapor emission rate (MVER) using the anhydrous calcium chloride test (ASTM F1869), the relative humidity (RH) of the concrete slab (ASTM F2170), or the pH exceeds the limits listed in the table below.

Floor Covering	MVER (per 1,000 sq. ft. (92.9 m2))	RH (%)	pH Range
Pressure Sensitive Installations (Luxury Vinyl Plank/Tile Only)	15 lbs. (6.80 kg)	99%*	7.0 to 12.0
Pressure Sensitive Installations (Carpet Tile Only)	5 lbs (2,27 kg)	90%	7.0 to 10.0
Wet or Semi Wet Adhesive Installations	12 lbs. (5.44 kg)	95%	7.0 to 11

\*See attached Disclaimer for Adhesive with 99% RH Limit

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## SUITABLE SUBSTRATES

- Fully cured concrete at least 28 days old and installed according to ASTM F710 (see “Limitations” section)
- Exterior-grade plywood, Group 1, CC type and other approved wood substrates (per the flooring manufacturer’s recommendations)
- Properly prepared, and fully bonded VCT or vinyl floor covering (single layer) that is over a year old and adhered with a full spread application of adhesive
- Embossing levelers applied over existing, properly prepared, and fully bonded ceramic, or porcelain tile
- Properly prepared cement terrazzo
- Exterior rated cement-based self-leveling underlayments and patching compounds (per manufacturer recommendations)
- Properly prepared, primed gypsum underlayments that meet the requirements for compressive strength according to ASTM F2419
- Properly prepared and installed MAPEI epoxy moisture mitigation systems

Radiant-heat systems that have been properly installed that are maintained at a maximum of 85°F (29°C) surface temperature.

Consult MAPEI’s Technical Services Department for installation recommendations regarding substrates and conditions not listed.

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## SURFACE PREPERATION

- All substrates must be structurally sound, dry, solid, and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may affect the overall performance of the product.
- Substrates must be flat to 3/16” in a 10-foot span (4.8 mm in a 3.0 m span). Fill all holes or cracks using a high moisture rated cement-based self-leveling underlayment or patching compound.

### Mixing

- Ready to use, no mixing necessary

**NOTE:** Choose all appropriate safety equipment before use. Refer to Safety Data Sheet (SDS) for more information.

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## PRODUCT APPLICATION

Read the flooring manufacturer’s guidelines for acclimation requirements and complete installation instructions. Read all installation instructions thoroughly before installation. Install flooring in strict accordance with the flooring manufacturer’s written instructions.

1. Select the appropriately notched trowel (see the “Approximate Coverage” chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor.
2. For working time and flash time, see the “Application Properties” chart below. Protect the open adhesive from dust and debris, which will inhibit proper bond and decrease tack.
3. Once the flooring is installed, immediately roll flooring with the recommended-weight roller across the width and length of the flooring surface.

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## CLEANUP

- Promptly clean any adhesive smudges from the flooring material’s surface with water while the adhesive is still fresh/wet. Clean tools with water while the adhesive is still fresh/ wet.
- Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

## PROTECTION

- For wet to semi-wet installation, protect the finished installation from light traffic for at least 24 hours and from heavy traffic for at least 72 hours.
- For pressure sensitive installation, protect the finished installation from light traffic for at least 6 hours and from heavy traffic for at least 24 hours.
- Building owners should become aware of the flooring manufacturer’s guidelines for climate-control settings (temperature and humidity). These conditions must be monitored and kept constant to ensure the overall performance and long-term success of the installation.

## PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
Percent Solids	50% to 55%
VOC’s (Rule #1168 of California’s SCAQMD)	<50 g per L
pH	8 to 10
Density	7.8 to 8.8 lbs. per US gal. (0.93 to 1.05 g per mL)
Flash point (ASTM D56)	212°F (100°C)

## SHELF LIFE AND PRODUCT CHARACTERISTICS

Shelf Life	24 months when stored in original, unopened packaging at 73°F (23°C)
Storage Conditions	Store at 65°F to 90°F (18°C to 32°C)
Polymer Type	Acrylic-based
Consistency	Paste
Color	Light blue

Installation Type	Flash Time <sup>†</sup>	Working time <sup>††</sup>
Pressure Sensitive Installations (Temporary Luxury Vinyl Tile/Plank, and Carpet Tile Installations)	30 – 60 minutes	Up to 4 hours
Wet or Semi Wet Adhesive Installations (Permanent Luxury Vinyl Tile/Plank; Bio-Based Tile, Vinyl Enhanced Tile, Vinyl Composition Tile (VCT), Reground Rubber Underlayment, Cork Underlayment, and Solid Vinyl Sheet Flooring Installations)	0 – 30 minutes	Up to 60 minutes

<sup>†</sup>Flash time is the recommended amount of time for a freshly applied adhesive to remain exposed to the air before the installation of a floor covering.

<sup>††</sup>Working time is the maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.

**PROTECT FROM FREEZING**

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 48 hours before work begins.

**Application Properties at 73°F (23°C) and 50% relative humidity**

**NOTE:** Flash time and working time vary based on temperature, humidity, substrate porosity, trowel size, and jobsite conditions.

**PACKAGING**

1 Gallon (3.8 L) and 4 Gallon (15.1 L)

**RECOMMENDED TROWELS\*\***

Flooring Type	Trowel	Coverage
Luxury vinyl tile/plank, bio-based tile, vinyl enhanced tile, vinyl composition tile (VCT), and solid vinyl sheet flooring on porous or rough substrates	1/16" x 1/16" x 1/16" Sq Notch (1.6 x 1.6 x 1.6 mm Sq Notch)	125 to 185 sq. ft. per 1 U.S. gal. (3.1 to 4.5 m <sup>2</sup> per L)
Luxury vinyl tile/plank, bio-based tile, vinyl enhanced tile, vinyl composition tile (VCT), and solid vinyl sheet flooring on nonporous or smooth substrates	1/32" x 1/16" x 1/32" U-Notch (0.8 x 1.6 x 0.8 mm U-Notch)	185 to 250 sq. ft. per 1 U.S. gal. (4.5 to 6.1 m <sup>2</sup> per L)
Vinyl or polyolefin backed carpet tile and fiberglass reinforced sheet vinyl	1/32" x 1/16" x 1/32" U-Notch 0.8 x 1.6 x 0.8 mm U-Notch	185 to 250 sq. ft. per 1 U.S. gal. (4.5 to 6.1 m <sup>2</sup> per L)
	1/4" (6mm) nap roller	250 to 350 sq. ft. per 1 U.S. gal. (6.1 to 8.6 m <sup>2</sup> per L)

\*\* Trowel dimensions are depth/width/space. Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of trowel used and setting practices.