



EnPress® PSA Pressure Sensitive Adhesive

DESCRIPTION

EnPress® PSA Pressure Sensitive Adhesive is specially designed to install Mohawk Group EcoFlex® ICT carpet tiles. EnPress® PSA 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. EnPress® PSA is CRI Green Label Plus™ approved. This adhesive also meets or exceeds California SCQAMD Rule 1168 and contains dual antimicrobial protection.

FEATURES & BENEFITS

- Quick tack
- Aggressive bond
- Superior shear strength
- Low in odor and VOC's
- CRI Green Label Plus certified

USE

For the Mohawk Group EcoFlex® ICT and EcoFlex® AIR carpet tiles
Interior residential (rental apartments condominiums, homes)
Interior commercial (office buildings, hotel rooms, and hallways, restaurant dining areas)
Interior institutional (hospitals, schools, universities, libraries, government buildings)

SUBFLOOR PREPARATION

All substrates must be structurally sound, dry, solid and stable. The 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 prevent or reduce adhesion. All surfaces must be level, even, flat and smooth. Concrete floors must be fully cured and dry. Calcium Chloride Moisture Test (ASTM F1869) results must not exceed 5.0 lbs. In-Situ relative humidity reading (ASTM F2170) must not exceed 80% and pH must be between 5.0 and 10.0.

SUITABLE SUBSTRATES

Exterior-grade plywood, Group 1, CC type
Other approved wood underlayments (per manufacturer recommendations)
Concrete and properly prepared cement terrazzo
Cement-based self-leveling underlayments and patching compounds
Embossing levelers applied over existing, properly prepared and fully bonded ceramic tile and fully bonded vinyl composition tile (VCT) – one layer only
Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength

Note: When installing EcoFlex® ICT over old cutback or adhesive residue, use Mohawk Group OptiSeal as a barrier to help prevent plasticizer migration. Following instructions for use, apply the OptiSeal only after existing adhesive is mechanically scraped to a smooth minimal residue.

Consult Mohawk's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

APPLICATION

Read all installation instructions thoroughly before installation.
Site conditions and floor preparation requirements must comply with those specified by the Mohawk Group Installation Guidelines. The installation site must be acclimated with HVAC in operation. The jobsite, substrate, carpet tiles and the adhesive must be conditioned at a temperature of 65°F - 85°F



and ambient humidity of 30-65% for at least 48 hours before and during the installation. When installation is complete the jobsite must be maintained at normal service temperature and humidity. If these conditions are not attainable, contact Mohawk Group Technical Services.

Use the appropriate notched trowel (see "Typical Trowels and Approximate Coverages" section).

Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor.

Install flooring in strict accordance with the Mohawk Group's installation guidelines.

Roll the flooring with a 75 - 100lb. roller across the width and length of the flooring surface.

CLEAN UP

Promptly clean any adhesive 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.

Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials. DO NOT APPLY SOLVENT DIRECTLY TO THE FLOORING MATERIAL.

SHELF LIFE

Two years when stored in original, unopened packaging at 73°F (23°C).

COVERAGE

Spread rate is 140-160sy per 4 gallons with a 3/8" nap roller or 100-120sy per 4 gallons with a 1/16" x 1/32" x 1/32" U-notch trowel.

PROTECT FROM FREEZING

Freeze/thaw stable up 5 cycles at 0°F (-18°C). Store at room temperature.

Note: Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

LIMITATIONS

Do not install over any substrates containing asbestos.

For interior installations only.

Do not install when the moisture vapor emission rate (MVER) exceeds 5 lbs. per 1,000 sq. ft. per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).

Do not install when the relative humidity (RH) of the concrete slab exceeds 80% (ASTM F2170).

Use only when the substrate temperature is between 65°F and 85°F.

pH reading should be a maximum of 10.

Building owners should be advised of Mohawk Group flooring installation guidelines for climate control settings (temperature and humidity). These conditions must be monitored and kept constant in order to ensure the overall performance and long-term success of the installation.

MIXING

Ready to use; no mixing is necessary.

Note: Choose all appropriate safety equipment before use. Refer to Material Safety Data Sheet (MSDS) for more information.

PRODUCT PROPERTIES

Polymer type:	Vinyl acrylic
Percent solids:	55% to 65%
VOCs (Rule # 1168 of California's SCAQMD):	Less than 34 g/L
Trowelability:	Light
Consistency:	Creamy
Color:	Light Green
Shelf life:	2 years when stored in original packaging at 73°F (23°C)



Storage conditions:	Protect from Freezing
Flash point (ASTM D56):	> 212°F (100°C)

NOTE: Protect from traffic 24 hours for light traffic, 72 hours for heavy traffic. Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

APPLICATION TABLE

Application Characteristics over Porous Substrates		
	Flash Time*	Working Time**
Smooth-backed vinyl carpet tile	0 (permanent bond) 30 minutes or until dry	15 minutes (permanent bond) 8 hours (pressure-sensitive)
Rough-backed vinyl products	0 (permanent bond) 30 minutes or until dry	15 minutes (permanent bond) 8 hours (pressure-sensitive)


Application Characteristics over Nonporous Substrates		
	Flash Time*	Working Time**
Smooth-backed vinyl carpet tile	30 minutes or until dry (pressure-sensitive)	8 hours (pressure-sensitive)
Rough-backed vinyl products	30 minutes or until dry (pressure-sensitive)	8 hours (pressure-sensitive)

*Flash time: The amount of time recommended for the adhesive to remain exposed to the air following application before the installation of floor covering.

**Working time: The maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.

Note: Flash and working times vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

TYPICAL TROWELS AND APPROXIMATE COVERAGES†

	Recommended Trowel	Coverage
	1/16" x 1/32" x 1/32" (1 x 1.5 x 1 mm) 	100-120sy/4 gallon pail (5.5 -6.6 m ² /L)
	3/8" nap roller	140-160sy per 4 gallon pail (7.7 – 8.8 m ² /L)

† Coverages shown are for estimating purposes only. Actual jobsite coverage may vary according by application method, substrate, substrate conditions and actual thickness applied.

Please feel free to contact the Technical Services Department at 800.833.6954 for further information.

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