

PVF-4055 PREMIUM ADHESIVE



PVF-4055 Premium Adhesive is a non-flammable water-based adhesive with aggressive tack designed for the installation of vinyl-backed modular carpet tile, luxury vinyl tile (LVT), vinyl plank and sheet flooring. **PVF-4055 Premium Adhesive** is non-staining and contains MicroSept™ Antimicrobial System Protection for enhanced resistance to mold and mildew. When used with carpet tiles, this adhesive is formulated for releasing and re-bonding while permanently retaining its tack, allowing individual tiles to be lifted out easily and replaced without substantial loss of adhesive properties. When used with LVT, **PVF-4055 Premium Adhesive** provides a tenacious, permanent bond. May be installed on concrete above, on or below grade in the absence of moisture and alkali, over steel, and APA approved plywood and underlayment-grade hardboard.

SCAQMD Rule 1168 Compliant
Conforms to CA Section 01350
CRI Green Label Plus Approved
May qualify for LEED Credits IEQ 4.1, IEQ 4.3 and MR 5

Site Preparations:

The floor must be sound, smooth, dry and clean. Mechanically remove any dirt, wax, loose paint, existing adhesives, and all foreign matter that would interfere with a good bond. Do not use to install any vinyl flooring over asphalt-based (cutback) adhesive residues. Do not use on chemically cleaned substrates, or over treated plywood substrates. Seal porous or dusty concrete surfaces with an appropriate water based acrylic sealer. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°–85°F and the humidity between 40-65% for 48 hours prior to, during, and after the testing and installation. Use **PVF-4055 Premium Adhesive** for installations over concrete substrates with up to 85% Relative Humidity (RH) (current ASTM F2170), and pH of 8.0–9.0. Results must also comply with floor-covering manufacturer's specifications. All substrate preparation and testing procedures must conform to appropriate ASTM F710 and CRI 104 guidelines.

Installations:

Follow the flooring manufacturer's installation instructions and guidelines regarding adhesive application rate and method.

Carpet Tile:

Spread the adhesive with an appropriate trowel or paint roller (minimum 3/8" nap), and allow to dry completely before placing tiles for a releasable installation. Drying time is approximately 30 minutes, depending on ambient humidity and temperature.

Trowel Size:

- 1/16" x 1/32" x 1/32" U-Notch: 24–29 square yards per gallon (220–260 square feet per gallon)
- Flat trowel or paint roller: 39–44 square yards per gallon (350–400 square feet per gallon)

LVT, Plank and Sheet:

Trowel Size:

- 1/16" x 1/32" x 1/32" U-Notch (220–260 square feet per gallon)

Note: This adhesive spread rate is appropriate over most smooth substrates to achieve adequate adhesive transfer; however, a larger trowel (up to 1/16" square notch) could be required over rough or porous substrates.

Non-porous substrates

• Install vinyl sheet, tiles and plank flooring into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30–60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on non-porous substrates. Roll the installation in both directions with a 100 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

Porous substrates

• Vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate. Roll the installation in both directions with a 75 lbs. 3-section roller immediately after flooring is placed and positioned, ensuring complete contact with adhesive.

When installing vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll the installation in both directions with a 100 lbs. 3-section roller immediately after the installation is complete.

Clean Up: Use a clean wet cloth to clean up adhesive while still wet; dried adhesive may require the use of an appropriate solvent.

Shelf Life: 2 years from manufacturing date in an unopened container

Traffic: Follow the flooring manufacturer's installation guidelines; otherwise restrict foot traffic for 24 hours after installation. No heavy traffic, rolling loads or furniture placement for 72 hours after installation. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

24-Hour Emergency in the USA: Chemtrec 1-800-424-9300