

Adore® Alette™ Acrylic Solid Vinyl Adhesive

Premium Hard-Setting Adhesive for Solid Vinyl Tile, Planks & Sheets

TECHNICAL DATA SHEET

Description:

ADORE-ALETTE Acrylic Solid Vinyl Adhesive is a proprietary, hard-set, wet-lay, acrylic-based adhesive designed specifically for the installation of solid vinyl flooring. This strong, durable, moisture and alkali-resistant adhesive is ideal for commercial and institutional applications. This low-odor, low-VOC adhesive has excellent open time which develops strength quickly and performs well under rolling loads and is highly resistant to indentation. The final set is hard and aggressive making it ideal for installation of solid vinyl tile and plank.

Features and Benefits:

- Hard-setting for the best indentation and shrinkage resistance
- Plasticizer migration resistant for use with all solid vinyl flooring
- Easy trowelability for quick installation
- Low-odor formula for use in occupied buildings
- CRI Green Label Plus Certified

USE:

For installation of luxury vinyl tile, vinyl plank and vinyl sheet goods
 Interior residential (rental apartments, condominiums, houses)
 Interior commercial (office buildings, cafeterias, retail)
 Interior institutional (schools, universities, libraries, government buildings)

Surface Preparation:

All substrates must be structurally sound, dry, solid and stable. Substrate should be clean, 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.

Suitable Substrates:

APA Underlayment grade plywood, other approved wood underlayment (per manufacturer recommendation), concrete and properly prepared cement terrazzo, cement-based self-leveling underlayment 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. Particle board/chip board, tempered hardboard, Lauan board are not suitable underlayments.

Application:

Condition adhesive, floorcovering and subfloor at 65°F to 85°F for 48 hours prior to, during, and at least 48 hours after installation. Read all installation instructions thoroughly before installation. Use the appropriate notched trowel. Spread adhesive evenly over the subfloor, keeping the trowel at a 45 degree angle to the subfloor. Allow adhesive to dry until the valleys are clear and install flooring. Roll immediately with the recommended roller across the width and length of the 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 wet. Use solvent once adhesive has dried. Do not use mineral spirits, which may be harmful to some materials. **DO NOT APPLY SOLVENT DIRECTLY TO THE FLOORING MATERIAL.**

Shelf Life:

Two (2) years when stored in the original packaging at 73 F (23 C).

Coverage:

Approximately 150 to 175 square feet per gallon with the recommended trowel.

Protect From Freezing:

This adhesive is freeze/thaw stable up to five (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:

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 F 1869). MVER must be diminishing over time. Do not install when the relative humidity (RH) of the concrete slab exceeds 85% (ASTM F2170).

Limitations (continued):

Use only when the substrate temperature is between 65°F and 85°F. The pH reading should be a maximum of 10. Building owners should be advised of practical guidelines for climate control for temperature and humidity. These conditions must be kept constant in order to insure 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 Safety Data Sheet (SDS) for more information.

Product Performance Properties:

Polymer type: Vinyl acrylic
Percent solids: 55% to 65%
VOCs (Rule # 1168 of California's SCAQMD): Less than 34 g/L
pH: 7 to 9
Trowelability: Light
Density: 8.3 lbs. per U.S. gal. (3.77 kg per 3.79 L)
Consistency: Creamy
Color: Off-white
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 48 hours before work begins.

Application Characteristics over Porous Substrates

	Flash Time*	Working Time**
Luxury Vinyl Tile Luxury Vinyl Plank Vinyl Sheet	0 to 15 minutes or until adhesive is clear in valleys, and wet on ridges	30 minutes


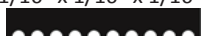
Application Characteristics over Non-Porous Substrates

	Flash Time*	Working Time**
Luxury Vinyl Tile Luxury Vinyl Plank Vinyl Sheet	20 to 40 minutes or until adhesive is clear in valleys, and wet on ridges	30 minutes

*Flash Time - Recommended time for adhesive to remain exposed to air following application before the installation of floor covering.

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

Note: Flash & Working Times vary based on temperature, humidity, substrate porosity, trowel size & jobsite conditions.

Subfloor Type	Recommended Trowel	Coverage†
Non-porous	1/32" x 1/16" x 1/32" 	185 to 245 sq. ft./gallon
Porous	1/16" x 1/16" x 1/16" 	150 to 200 sq. ft./gallon

†Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to application method, substrate, substrate conditions and actual thickness.

NOTE: Refer to installation manual, technical data sheet, and material safety data sheet, as well as Adore Technical Services at 1-877-349-2454, or www.adorefloors.com for more information regarding uses, application, limitations and safety.