

For questions regarding the following information, contact TAJ Customer Service:
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Description

TAJ Specialty Wall Adhesive for LVT is a moisture-curing, one-component, thixotropic, silane-modified polymer adhesive specifically designed for the direct bonding of various resilient flooring types in wall installations.

Features and Benefits

- High moisture resistance, requiring no moisture testing
- Slip-resistant formulation
- Easy to apply and quick-curing
- Can be used over porous or nonporous vertical surfaces

Industry Standards and Approvals

Green Certifications:

Living Building Challenge (LBC) Red List Free: This product has been verified per the most current Red List on the LBC's Website

Limitations

- Do not install over any substrates containing asbestos.
- Do not use for exterior installations.
- Do not apply over any adhesive residues.
- Do not install if standing water is present.
- Do not use in areas with known hydrostatic pressure, osmotic blistering or alkali silica reaction conditions.
- Do not install when the moisture vapor emission rate (MVER) exceeds 25 lbs. per 1,000 sq. ft. (11.3 kg per 92.9 m²) 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 100% (ASTM F2170).
- Do not install if the pH of the substrate exceeds 14.
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C), and when the ambient RH is between 20% and 80%.
- Do not use as a leveling, patching or subfloor repair material.
- Do not install over epoxy moisture barriers.

Suitable Substrates

- Existing, well bonded tile and stone
- Gypsum wallboard with paper intact
- Water- or solvent-based paint over gypsum wallboard
- Gypsum or cement-based wall patching compounds that are hard, durable, well bonded, and fully cured
- Concrete, at least 28 days old and installed per ASTM F710 guidelines
- Cement terrazzo
- High-moisture-resistant, cement-based, self-leveling underlayments and patching compounds

Suitable Substrates [continued]

- Exterior-grade plywood and other approved wood underlayments (per the flooring manufacturer's recommendations)
- Dry and primed gypsum underlayments that meet ASTM F2419 requirements for compressive strength
- MAPEI waterproofing membranes

Consult TAJ Technical Services Department for installation recommendations regarding substrates and conditions not listed.

Surface Preparation

All substrates must be interior, structurally sound, surface-dry, solid and stable.

Thoroughly clean all surfaces of any substance that could interfere with the bond of the installation material, including dirt, paint, tar, asphalt, wax, oil, grease, latex compounds, sealers, curing compounds, form-release agents, laitance, loose toppings, foreign substances, and adhesive residues.

Product Application

- Read all installation instructions thoroughly before installation.
- Select the appropriately notched trowel (see the "Approximate Coverage" section below).
- Spread adhesive evenly over the substrate, keeping the trowel at a 45-degree angle to the surface.
- Only apply as much adhesive as can be installed over within 20 to 30 minutes.
- Install and roll flooring material in strict accordance with flooring manufacturer's written instructions.
- Roll vertically applied flooring with a hand roller to ensure proper adhesive transfer.
- Adhesive transfer to the backing should be confirmed periodically by lifting the flooring material.
- For floor applications, use walk boards over freshly installed flooring to avoid adhesive displacement.

Cleanup

Whether the adhesive is fresh/wet or dry, adhesive smudges can be cleaned from the flooring material's surface as well as from tools with a clean, white cloth.

Protection

Protect floor installations from light traffic and water exposure for at least 5 hours, and from heavy traffic for at least 24 hours. Wall applications will be ready for grouting in 12 to 24 hours.

Building owners should be advised 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.

PROTECTION PERFORMANCE PROPERTIES

LABORATORY TESTS	RESULTS
Solids content	100%
VOCs (Rule #1168 of California's SCAQMD)	0 g per L
Density	11.4 lbs. per U.S. gal. (1.5 g per mL)
Flash point (Tag)	> 200°F (93°C)

SHELF LIFE AND PRODUCT CHARACTERISTICS

LABORATORY TESTS	RESULTS
Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Polymer type	Hybrid-polymer
Color	White
Storage conditions	50°F to 90°F (10°C to 32°C)
Ready for grouting on wall applications	12 to 24 hours
Ready for light foot traffic	5 hours
Ready for heavy traffic	24 hours

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

APPLICATION PROPERTIES at 73°F (23°C) and 50% RH

FLASH TIME [†]	WORKING TIME ^{††}	ADJUSTABILITY TIME ^{†††}
5 to 10 minutes	20 to 30 minutes	30 to 45 minutes

[†] 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.

^{††} 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.

^{†††} Adjustability time is the window of time during which the floor covering can be repositioned without compromising the bond of the adhesive.

Flash time, working time and adjustability time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

PACKAGING AND COVERAGE

Packaging	Pail 1 U.S. gal. (3.79 L)
Approximate Coverage*	Trowel: U-notch, 1/16" x 1/32" x 1/32" (1.5 x 1 x 1 mm) Coverage: 185 to 245 sq. ft. per U.S. gal. (17.2 to 22.7 m ² 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 practice.