

INSTALLATION INSTRUCTIONS TAJ LUXURY VINYL WALL APPLICATIONS



Required Adhesive: TAJ Specialty Wall Adhesive for LVT (Luxury Vinyl Tile & Plank)

Job Site Conditions:

Installation of LVT material on walls should be scheduled after all other trades' work is completed. Areas to receive TAJ LVT need to be clean, adequately lighted, fully enclosed, weather tight, and climate controlled by permanent HVAC system for at least 10 days prior to installation and thereafter to provide a constant temperature. Proper acclimation of the room, substrate, LVT materials and adhesives at a constant and maintainable temperature is critical to the success of the installation process. Temperature variation before, during and for the first 48 hours after installation can impact adhesive cure time, affect the size of the material, and increase the potential for gapping between tiles. The substrate, LVT materials and adhesive are required to be acclimated within the areas of intended installation at a constant temperature between 65°F to 85°F for 48 hours prior to installation. The selected temperature should be maintained in areas to receive the LVT wall material with the building's permanent HVAC system. Salamanders and other temporary heating or cooling devices should not be used. The constant temperature held during acclimation and installation should be maintained for 48 hours following installation, thereafter the interior space should maintain room temperatures in the range of 55° to 85° F. **NOTE: LVT materials and adhesives are required to be on site within the areas of intended installation for a minimum of 48 hours prior to installation allowing materials to acclimate.**

Storage and Handling:

Upon receipt of the shipment, fully inspect the material so that all cartons can be examined for any shipping damage. Contact TAJ Flooring, Inc. immediately with any material issues. Store cartons flat on a clean level surface. Cartons of same size and dimensions may be stacked not to exceed 12 cartons. If material from more than one production lot is being used, make certain the project is laid out so that no material from different production lots are installed adjacent to one another. Vinyl materials and adhesives should be on site within the areas of intended installation for a minimum of 48 hours prior to installation allowing materials to acclimate.

Approved Substrates:

Suitable interior substrates include existing, well bonded tile and stone, primed gypsum wallboard with paper intact, water or solvent-based well bonded paint over gypsum wallboard, primed gypsum or cement-based wall patching compounds that are hard durable well bonded and fully cured. Not intended for use on exterior surfaces or in areas that are not temperature controlled per the details explained in job site conditions.

Surface Preparation:

Interior surfaces must be structurally sound, surface-dry, solid, and stable. All surfaces must be thoroughly cleaned to remove any substance that could interfere with the bond of the installation materials including dirt, dust, poorly adhered paint, wax, oil, grease, and adhesive residues. Carefully inspect walls for surface defects such as voids, deviations, imperfections, and irregularities. Countersink any protruding screws or fasteners. Use an appropriate patching compound to cover screw heads and to correct and holes, bumps, cracks, depressions, etc. Surface defects can visibly transfer through the vinyl surface, so it is extremely important to spend time on surface preparation to insure an aesthetically pleasing project result.

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Installation:

Before beginning Installation check actual boxes of all tiles/planks to be sure that correct color, pattern, and quality has been shipped for your specific installation. Do not mix dye lots in the same area.

- Inspect the face and back of all tiles or planks to be insure there is no damage or defects. Do not install or glue tile with visible defects. Tiles or planks that may have minor defects on one side or at edges that can be used for trimming and fitting at walls and columns.
- Plan the tile layout starting at the center of the coverage area working towards the edges of the coverage area. Lay out tiles following the directional arrows on the tile backing if present. Some square tiles are best installed in a ¼ turn fashion. Planks are usually randomly staggered but can be designated in a repeating pattern. Consult with the owner to determine desired layout.
- Consider and plan for how the outside edges of the coverage area will be finished prior to installation. Metal tile cap, metal inside and outside corners, as well as caulk are items that may be needed to attractively finish changes in plane and outside edges of the coverage area.
- Make certain that the layout plans for all seems within the coverage area to be fitted factory edge to factory edge. Hand trimmed edges should only exist on the outside edges of the coverage area to achieve the best overall appearance.
- The perimeter tile or planks must be cut up to the wall from the field tile or plank. The perimeter tile or planks should be accurately scribed against the wall and any projections coming out from the walls. Cut product from the face side with a sharp knife. Do not pressure fit or jam tiles at the edge of the coverage area.
- Spread TAJ Specialty Wall Adhesive for LVT using a 1/16" x 1/32" x 1/32" U-notched trowel. This specialty wall adhesive is thicker in consistency than floor adhesive and it will be more difficult to work with the trowel. Allow 5 minutes of flash time so that the adhesive can achieve initial "grab". Do not spread more adhesive than can be covered with tile in 20 to 30 minutes. This 20–30-minute period includes flash time. **IMPORTANT: Do not exceed this 20–30-minute working time as this is the maximum amount of time the adhesive can be exposed to the air and still effectively bond to the vinyl material.**
- Do not discard the plastic film covering on the adhesive pail. After placing adhesive on wall, replace the plastic and pail lid to keep the remaining adhesive in the pail from flashing off in between applications and troweling of adhesive.
- Place the tile into the adhesive after allowing for initial flash time. Once the tile has been placed within the 20–30-minute working time, roll the vinyl material into the adhesive using a hand roller (laminar roller) to insure proper seating and adhesive transfer to the tile back.
- Adhesive transfer to the backing of the tile should be confirmed periodically by lifting the vinyl material and observing the transfer.
- The adhesive will begin to set quickly after the 30-minute working time ends. Work in small areas to ensure that the adhesive does not set before you are finished with tile placement.
- Please note complete instructions on adhesive containers.
- During installation, remove any spilled adhesive or adhesive that may be squeezed through joints with a clean white rag dampened with water. Be diligent to keep the face of tile clean during installation. Adhesive that dries on the face of the tile is extremely difficult to remove.
- Wall applications will be ready to be placed into service after 24 hours of cure time.

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Application Suitability:

Consult local building codes for the exact requirements necessary for using LVT (plank and/or tile) on wall surfaces. If ASTM E-84 testing is required, only the 2mm option of the 2-3-5 collection should be selected as test results are available on request and the 2mm option is Class A rated. The 2mm product is appropriate for most commercial wall applications. 3mm product can be used in most wall applications where the height of the installation does not exceed 48" (wainscoting) and for most other wall applications when sprinkler systems are present and no more than 1000 square foot in coverage. Only use class A products in exit and entrance vestibules. It will be necessary to understand the project requirements prior to installation to ensure suitability. **TAJ Flooring Inc. assumes no legal or monetary responsibility should this product be deemed inappropriate due to local building codes.**

For more information, contact your TAJ Sales Representative or TAJ customer service: (888) 652-2111 | info@tajflooring.com



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