

Premium Flooring Adhesive INSTRUCTIONS

Read and understand all information below before installation.
If there are any questions, please direct them to MP Global Products at (888) 379-9695

GENERAL CHARACTERISTICS

VersaStick Adhesive is a no VOC, solvent free, pressure sensitive adhesive made for the interior installation of Luxury Vinyl Tile/Plank and Multi-Ply Engineered Plank Hardwood Flooring over approved substrates. This adhesive is formulated to be fast drying for quick installation. Flooring may be installed up to 16 hours after initial drying if the area remains dust and dirt free. VersaStick Adhesive is a clear set adhesive with very low-odor.

APPROVED SUBFLOORS

- Plywood
 - Existing vinyl tile flooring
 - Concrete; above or on grade
 - A.P.A. standard underlayment particle board
 - Existing fully adhered, non-cushioned sheet vinyl
 - Lightweight concrete (coated with latex primer)
 - Terrazzo
 - Underlayment grade O.S.B.
- **Below-grade concrete in the absence of excessive moisture and alkalinity**
(Use below-grade only if flooring is recommended for below-grade installations by the flooring manufacturer)
• MP Global Products does not approve using VersaStick Adhesive over ceramic tile

SUBFLOOR REQUIREMENTS

- All subfloors must be smooth, dry, clean, flat and free of dirt, grease, wax, paint, oil or anything that would hinder a good bond. Trisodiumphosphate (TSP) can be used to clean vinyl surfaces. Concrete subfloors not meeting this standard must be scoured with 3 1/2 open coat paper (20 grit), then vacuumed clean.
- When installing over existing hard surface floors, remove finish to allow a good mechanical bond.
- Application over old adhesive residue must be made with a specifically recommended patch or leveling product for use over the old adhesive residue. Check with flooring manufacturer for recommended patch or leveling product.
- When installing flooring over gypsum based levelers, the gypsum must first be sealed/primed and allowed to dry prior to installation of flooring (see gypsum manufacturer's instructions for recommended sealer/primer).
- Complete drying of leveling compounds is critical before installation. While curing time may only take a few hours, the complete drying time of these compounds can take 24 hours or more. Please read manufacturer's instructions.
- **Radiant heated** subfloors should not exceed 85 degrees prior to and during installation to prevent premature curing of the adhesive.
- Epoxy and poured vapor barriers may leave an oily residue after application, which should be removed. The vapor barrier's surface should be abraded or lightly sanded and cleaned thoroughly. When installing over a non-porous subfloor, additional flash off is needed.
- When using new sheet vinyl as a moisture barrier over concrete, a vinyl primer must be applied. Refer to manufacturer's instructions and limitations.
- If there is a concern about adhesion to any subfloor, install a test area before installing the entire floor.
- Subfloors must be flat to 3/16" in a 10' radius or 1/8" within a 6' radius.
- Remove any high spots with a terrazzo grinder or sander and fill any low spots with a good quality cementitious based latex patch mix.
- Thorough examination for excessive moisture in all subfloors is essential.
- Look around for visible water stains on the drywall and subfloor, particularly on concrete.
- MP Global Products does not warrant the installation of VersaStick Adhesives over non-approved concrete sealers and coatings.

For more information contact MP Global Products' Technical Services.

• **Checking for and avoiding excessive moisture in every subfloor must be done.**

MP Global Products requires the use of moisture tests on all concrete and wood subfloors. It is important that the subfloor's moisture percentages do not exceed the flooring manufacturer's or MP Global Products' recommendations, whichever is lowest. If excessive moisture is present use an appropriate vapor barrier. All moisture tests must be documented prior to installation for MP Global Products' warranty to be in effect. After moisture testing of the concrete subfloor is complete, if moisture is above limitations, a Concrete Moisture Control System is required. For more information, contact MP Global Products at (888) 379-9695.

- The ASTM 1869 Calcium Chloride Test measures moisture emission in concrete. The maximum level for moisture emission when installing wood flooring is 3 pounds per 1,000 square feet over 24 hours, per the ASTM 1869 Calcium Chloride Method Test. The maximum level for moisture emission when installing cork flooring, luxury vinyl tile, luxury vinyl plank and all approved underlayments is 3 pounds per 1,000 square feet over 24 hours per the ASTM 1869 Calcium Chloride Method Test.
- MP Global Products recommends using a relative humidity testing for reliable concrete testing. VersaStick Adhesive allows for up to 75% Relative Humidity (RH), per the ASTM 2179 Relative Humidity Test.
- **Moisture in wood subfloors should be measured with a wood moisture meter. The moisture content should not exceed 12%. Subfloors should be within 5% of the wood flooring's moisture content. Read flooring manufacturer's moisture standards. A moisture meter can also be used to measure moisture in concrete. Follow the instructions carefully. Moisture meters measure wood and concrete differently.**

CLEAN-UP: Wet adhesive can be removed with a damp cloth. Dry VersaStick Adhesive can be removed with mineral spirits or a safe solvent. Hands and tools may be cleaned with "waterless hand cleanser" available at hardware and auto supply stores.

VENTILATION: Installers should provide adequate cross-ventilation during and for 24 hours after installation.

KEEP FROM FREEZING: While this adhesive is freeze stable to 25° F (up to two cycles), it is necessary to keep from freezing. If the adhesive freezes, it cannot be used. It will become difficult to trowel, lumpy (or solid) and will not adhere to the floor.

CAUTION: V.O.C. 0 grams/liter. Avoid eye contact. In case of eye contact, flush eye with clean water for fifteen minutes. If irritation persists, get medical attention. Use with adequate ventilation. Keep out of reach of children.

These directions are general guidelines for flooring installations. It is the responsibility of the installer to determine proper drying time of the adhesive, trowel size to be used and acceptability of subfloor conditions. Installations must also be in accordance with flooring manufacturers recommendations. Only flooring that is approved for glue down installations by the flooring manufacturer can be used with MP Global Products. Floors installed with VersaStick Adhesive are not warranted against damage caused by wet mopping, flooding, plumbing leaks or other extraordinary circumstances. For any installation not herein recommended, contact MP Global Products before proceeding.

VERSASTICK™



LUXURY VINYL TILE AND LUXURY VINYL PLANK FLOORING INSTALLATIONS

The adhesive, floor covering, and area to receive flooring must be maintained at a temperature of 65°-95°F and at a relative humidity of 35%-65% for 72 hours before, during, and after installation. Follow the flooring manufacturer's guidelines regarding site conditions and installation.

Porous Surfaces: May be used as a wet-lay method or a pressure sensitive adhesive over porous surfaces. To use wet, apply adhesive with the recommended trowel and allow to flash off for 5-10 minutes before installing flooring. Lay tile, plank or sheet goods into wet adhesive according to flooring manufacturer's instructions. Adhesive must transfer to floor product to ensure proper bond. To use as a pressure sensitive adhesive, allow the adhesive to dry to a tacky state and then install flooring according to flooring manufacturer's instructions within 3 hours.

Non-Porous Surfaces: Tile & Plank: Apply adhesive with the recommended trowel and allow to dry completely. The adhesive will turn from white to grey. Lay in the tile or plank according to the flooring manufacturers instructions within 3 hours. The highly aggressive pressure sensitive grip prevents slippage and minimizes seam gaps. Drying time is 45-60 minutes and will vary depending on temperature and humidity. Installation over areas of incomplete drying can result in job failure.

ENGINEERED PLANK HARDWOOD FLOORING INSTALLATIONS

- Wood Flooring should acclimate to "live-in" temperature and humidity conditions (please follow manufacturer's specifications). Job site environment should be at "live-in" conditions at time of installation. Job site environment should be maintained at "live in" conditions at all times.
- To start installation, create a starting line and secure a straight edge or backer board at this line.
- Occasionally check for transfer of adhesive to the back of the wood flooring. If adhesive transfer is less than 75% to the back of the wood flooring, scrape up the adhesive and spread fresh VersaStick Adhesive.
- Keep the flooring tight as you install. Install wood against the backer board secured at the starting line. The first five or six rows should be interlocked with releasable or painter's tape, securing the floor from movement during installation. Continue to use tape as necessary.
- Allow for expansion in all wood flooring installations. Follow manufacturer's recommendations.
- **Roll the floor with a 100 lb. roller every two to three hours during and immediately after installation.**
- When the installation is complete, fill expansion with wedges or cork stripping to hold the floor tightly in place. Remove wedges or cork stripping after floor has set to allow for normal expansion.
- Allow flooring to "breathe". Do not cover floor with nonporous material such as plastic or vinyl.
- Restrict heavy traffic and furniture placement for 24 hours after installation.
- Allow unfinished wood flooring to acclimate to its new environmental conditions prior to sanding.

DOUBLE-STICK VERSALAYER & INSULATION UNDERLAYMENT INSTALLATIONS

- Follow industry and flooring manufacturer's recommendations for subfloor moisture content.
- Spread VersaStick Adhesive using a 1/8" x 1/8" x 1/8" square notched trowel and let the adhesive flash for several minutes.
- Unroll Versalayer or Insulation underlayment and lay into the adhesive. Hand smooth to ensure no bubbles exist.
- **IMPORTANT:** Occasionally check the adhesive transfer on the back of the underlayment. There must be a significant amount of adhesive transfer or you need to add more VersaStick Adhesive.
- Never mechanically fasten the underlayment with screws, nails or staples as this will severely diminish the acoustical values of the underlayment.
- Allow adhesive to set prior to proceeding to wood floor installation. It is highly recommended to allow at least 18 hours prior to installation of the floor.

FLOORING TROWELS & COVERAGE



Vinyl Tile and Vinyl Plank
(over porous substrates)

1/16" x 1/16" x 1/16" square notch
Up to 200 sf/gal spread rate



Vinyl Tile and Vinyl Plank
(over non-porous substrates)

1/16" x 1/32" x 1/32" U notch
Approx. 300 sf/gal spread rate



Engineered Plank

3/16" x 1/4" on 1/2" Centers
V notch
60 sf/gal spread rate

UNDERLAYMENTS TROWELS & COVERAGE



Insulation Underlayment
Versalayer Underlayment
(over porous substrates)

1/8" x 1/8" x 1/8" square notch
80 sf/gal spread rate



Insulation Underlayment
Versalayer Underlayment
(over non-porous substrates)

3/32" x 3/32" x 3/32" V notch
120 sf/gal spread rate

WARRANTY: This product is warranted to be free of manufacturing defects. If a manufacturing defect is found within one year from the date of purchase, such defective product shall be replaced. No warranty either expressed or implied is made regarding the performance of this product since conditions under which these goods are transported, stored, used or applied are beyond our control. This warranty is made in lieu of all other warranties either expressed or implied and the seller shall not be responsible for consequential, incidental, special or other damages no matter what the cause.

WARNING: DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADBLAST, OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUT-BACK" ADHESIVE, OR OTHER ADHESIVE. THESE PRODUCTS MAY CONTAIN ASBESTOS FIBERS AND/OR CRYSTALLINE SILICA. AVOID CREATING DUST. INHALATION OF SUCH DUST IS A CANCER AND RESPIRATORY TRACT HAZARD. SMOKING BY INDIVIDUALS EXPOSED TO ASBESTOS FIBERS GREATLY INCREASES THE RISK OF SERIOUS BODILY HARM. UNLESS POSITIVELY CERTAIN THAT THE PRODUCT IS A NON-ASBESTOS CONTAINING MATERIAL, YOU MUST PRESUME IT CONTAINS ASBESTOS. REGULATIONS MAY REQUIRE THAT THE MATERIAL BE TESTED TO DETERMINE ASBESTOS CONTENT AND MAY GOVERN THE REMOVAL AND DISPOSAL OF MATERIAL. WHENEVER POSSIBLE, EXISTING FLOORING SHOULD BE LEFT IN PLACE AND THE NEW FLOOR INSTALLED OVER THE TOP. IF YOU MUST REMOVE OLD FLOORING MATERIALS, CONSULT WITH THE RFCI (RESILIENT FLOOR COVERING INSTITUTE) FOR GUIDELINES ON SAFE PRACTICES & REMOVAL.