

PERPETUWALL® INSTALLATION INSTRUCTIONS

Surface Preparation

- 1) Wall must be free from dirt, grease, loose paint, and scale. Remove rough spots by sanding smooth walls or using a mason's stone on block or brick. Walls must be properly mudded and tapped.
- 2) Remove preexisting wall covering and resurface any walls with significant damage.
- 3) Test for paint adhesion. Attach a 12" (30.5cm) test square of PerpetuWall Protective Wall Covering to the wall using the mastic adhesive. Allow to set for 24 hours. Pull off the test square. If the adhesive has softened the paint, the wall must be stripped prior to installation.
- 4) Resurface uneven wall surfaces (i.e., concrete block or ceramic tile).
- 5) Before applying adhesive, the wall surface should be wiped with a clean water-dampened rag to remove any dust or debris.

Note: Mastic adhesive is not recommended when installing .040" rolls or thickness over .060".

Dry Fitting Sheets

- 1) Outline the area to be covered with chalk line or masking tape. If installation is a wainscoting, be sure the sight line at the top end is level. If installation is a full wall, make sure the vertical edge is plumb.
- 2) For uniform appearance, install all sheets with the texture running in the same direction. The arrow on the back of each sheet indicates texture direction.
- 3) When installed with mastic adhesive, PerpetuWall must have a 1/16" (1.5mm) expansion gap between sheets. Butt seams can only be accomplished with contact adhesive using .028 gauge wall covering in temperature controlled environments with a maximum temperature fluctuation of +10°F (5.6°C).
- 4) Do not butt PerpetuWall up against doorjambs, ceilings or baseboards. Leave a 1/16" (1.5mm) expansion clearance.)
- 5) On interior surfaces of perimeter walls and any area subject to temperature variations, an expansion clearance of 1/8" (3.2mm) minimum must be allowed on all four sheet sides to permit natural dimensional change.
- 6) Drill oversized holes when installing fixtures such as handrails, air ducts, etc. These items can inhibit the natural expansion and contraction of the sheet as temperature changes occur. Molding such as the #82 J-Molding can be used to minimize the visual effect of larger openings.

Applying Mastic Adhesive

- 1) Be certain that porous substrate such as drywall and concrete block are painted or sealed using latex primer before applying mastic adhesive. Newly sealed walls should be completely dry prior to application of mastic adhesive.
- 2) Follow adhesive manufacturer's recommended safety precautions such as providing adequate ventilation.
- 3) Apply mastic adhesive to wall surface only. It is not necessary to apply mastic adhesive to backside of sheet.
- 4) USE ONLY RECOMMENDED TROWEL, ACORDING TO WALL SURFACE. When using XT-2000 Mastic Adhesive on smooth walls, use only 1/16" x 1/16" x 1/16" (1.5mm x 1.5mm x 1.5mm) SQUARE–NOTCHED trowel. When using XT-2000 Mastic Adhesive on rough walls, use only 1/8" x 1/8" x 3/32" (3.2mm x 3.2mm x 2.4mm) U-NOTCHED trowel.
- 5) Be sure to cover 100% of wall surface area, maintaining uniform coverage. Insufficient adhesive is the cause of most problems.
- 6) Allow adhesive to "set up" according to instructions on adhesive container label. This time is variable according to job site conditions, but in no case should the adhesive be allowed to "skin over." Maintaining a constant temperature during cure time is critical. If you have any question regarding curing time please contact your local PerpetuWall distributor or call 1-800-521-1826.

Installing Sheet

- 1) Align the top edge of PerpetuWall with chalk line or tape then smooth PerpetuWall into place by hand.
- 2) Roll the entire surface with a heavy-duty pressure roller (i.e., Crain #333 extension roller or equivalent). Start from the center of sheet and work out, being cautious to prevent an air pocket from forming under the sheet. Pay particular attention to all edges of sheet.

Installation Cleanup

- 1) Any adhesive residue should be removed immediately while the PerpetuWall is being installed.
- 2) DO NOT allow adhesive to dry on surface of PerpetuWall or on tools.
- 3) Remove adhesive and layout marks using warm, soapy water.
- 4) Dried adhesive may sometimes be removed with mineral spirits or naphtha.