

TERRALITE®

INSTALLATION INFORMATION

Handling, Installation and Maintenance Instructions for TERRALITE®

HANDLING INSTRUCTIONS

TERRALITE® is packaged on a pallet and contains 48 pcs. that equals 300 square feet and weighs approximately 1,500 pounds. The use of a hydraulic pallet jack is required to move this pallet. The TERRALITE® panels then can be loaded onto a flat rolling dolly for ease of handling during installation.

TERRALITE® is a very durable flooring but requires care during handling and installation to prevent damage to the corners, edges and the protective plastic film.

TEMPERATURE CONDITIONS REQUIRED

Do not begin installation of the TERRALITE® until the building has been held to minimum temperature of 70° Fahrenheit for five days and the entire quantity of TERRALITE®, setting and filling materials have been stored inside the building for three full days. A minimum of 70° Fahrenheit must be maintained for two days after the installation is completed.

PROJECT CONDITIONS REQUIRED

Concrete to receive TERRALITE® shall have cured for at least 28 days and free of all curing compounds. A calcium chloride test can be performed to assist in determining acceptable moisture levels in the concrete slab prior to installation of the TERRALITE® system.

ACCEPTABLE SUBSTRATES

Concrete subfloor shall be level with a maximum variation from level of 1/8" in 10 feet. Any irregularity of the surface requiring patching and/or leveling shall be done using the TERRALITE® Resin and selected fillers and aggregates as recommended by the manufacturer. Concrete floor shall receive a steel trowel finish with an efficient moisture barrier directly under the concrete slab. Existing cracks in the substrate will usually be transmitted through the TERRALITE® system must be treated with the proper membrane. Start work only when all defects have been corrected.

INSTALLATION

- 1) Remove all loose concrete using either Blastrac or equal methods to assure proper Bond.
- 2) Fill all cracks with the approved TERRALITE® Iso-Crack Membrane across the crack and 6" on either side at a spread rate of 50 square feet per gallon to achieve 25-30 mils dry.
- 3) Mix the TERRAMORTAR™ Part A with Part B with a mechanical hand mixer for 3-4 minutes and until you achieve a creamy consistency.
- 4) Trowel the TERRAMORTAR™ using 1/2" x 1/2" notch trowel. Place the TERRALITE® panel in position. Install three TERRACLIPS® per side.
- 5) Tighten all TERRACLIPS® to assure proper joint width and plane then roll panels with a small rubber wheel hand roller. This will assure the TERRALITE® panel is embedded into the epoxy mortar.
- 6) After 24 hours, remove the top of the TERRACLIP®
- 7) Mix the TERRAJOINT™ Part A with Part B with a mechanical hand mixer for 3-4 minutes and until you achieve a creamy consistency. Fill all the joints to the top of the panel and leave some excess as this will be cut later.
- 8) After the TERRAJOINT™ has set (approximately 2-4 hours, this time will vary do to temperature,) the joint should feel like putty but not wet or tacky. Remove the plastic film from the TERRALITE® panel and cut flush the excess joint materials using a sharp razor blade. (Note: If the joint materials sets up, simply apply heat, using a heat gun set at a low setting to soften the joint material. The joint can now be cut.) Care must be taken not to burn the TERRALITE®
- 9) After 24 hours apply sealer in accordance with manufacturer's directions.

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