



PO Box 11744
 Fort Wayne, IN. 46860
 Phone: 260 426-2474
 Fax: 260 426-2475
www.dura-systems.com

SPECIFICATIONS

UNIQUE ELASTOMERIC SURFACING SOLUTIONS

WATERPROOFING UNDER FLOOR TILES

American National Standard A 118.10-1993

See Test Results in "Test Data" Section on the Dura-System™ Web Site

| | | |
|---|---|---|
| <p>I. SCOPE: This specification covers information for materials, labor, equipment necessary for the preparation and finishing of the areas over most types of Under Tiles or Pavers installations in a workman like manner to best industry standards by a contractor authorized by a Dura-System™ Distributor and/or his Trained Representative.</p> <p>II. MATERIALS: All materials to be installed shall be manufactured and purchased from Silvertree Products,LLC. or approved distributors. The following is a list of items needed for Under Tiles or Pavers installation:</p> <p>Primer: All Dura-System Primers may be used for all Tile Deck Overlay applications (new or old).</p> <p>Joint Tape: 3" to 6" TUFF-TAPE polyester fabric. Use for joints, cracks and transitions,</p> <p>Base Membrane Matrix: Dura-Lastic™ ("SOFT" or "TUFF" depending on usage). <i>*Note: Refer to Technical Buletins on each product for usage.</i></p> <p>Base Membrane Filler: Approved selected rubber granules or sand. (OPTIONAL: Fine ground rubber or sand, up to equal parts, may be added for thickener and/or sloping.)</p> <p>Surface Texture: Approved selected colored or neutral rubber granules.</p> <p>Surface finish: Dura-Flex "AR". "AL" or "SF" Color-coats (clear or colored). <i>*Note: Refer to Colorcoat Technical Buletins on each product for maximum performance.</i></p> | <p>III. PREPARATION:</p> <p>A. SUBSTRATE: Concrete should be cured a minimum of twenty-eight (28) days with water or sodium silicate based cure only. Concrete shall be visibly dry and pass sixteen (16) hour ASTM D-4263 test (4 mil or 102 microns polyethylene mat test) with no condensation prior to the application of Dura-Lastic SOLVENT FREE. Concrete shall have a minimum of 4000 psi (281 kg/cm²) compressive strength. All surfaces shall be completed, clean, and free from structural defects prior to coating application. If this system must be applied prior to the suggested 28 days, refer to the advisory "Dura-Lastic Waterproofing Membrane on Fresh Concrete".</p> <p>B. GENERAL: Prime concrete surface at the rate of 300-400 sq. ft. per gallon (depending upon the surface porosity and finish). Primer may also be sprayed for additional economy and speed. Always take precautions for over-spray.</p> <p>1. Primer: Allow Dura-Prime™ Primer to dry to a slightly tacky surface before applying Dura-Lastic™ base.</p> <p>2. Depressions and Irregularities: fill all irregularities with a Dura-Lastic mixture that has been thickened with Dura-Lastic-Gel or fine rubber granules to a "stay-put" consistency.</p> <p>3. Joints, Cracks and Transition: "TUFF-TAPE" fabric shall be set in Dura-Lastic base. Tape should be free of air, blisters, or wrinkles. Center tape over subject areas.</p> <p>4. Metal: All metal flashing must be free of oil and debris. Use acid, white vinegar or rough sand to prepare surface. Wipe clean and dry. Prime at the rate of 500 to 600 sq.ft. per gallon.</p> | <p>IV INSTALLATION:</p> <p>A. Base Membrane:</p> <p>1. Detail all flashings, edges and turn ups with thickened base mixture. Feather to smooth demarcations.</p> <p>2. In either "Over Concrete" or "Over Plywood" applications, follow closely the proper Dura-System "SPECIFICATION" sheets to insure the minimum mil thicknesses. (40 mils over concrete, 65 mils over plywood.)</p> <p>3. After applying the base to the specified thickness, wait until the membrane has set up to a tacky state and then broadcast 30 mesh or finer sand on to the surface. The sand will give a mechanical grip for the mastic, thin set or mortar bed application. DO NOT fasten any wire mesh or cause any other penetrations once membrane has stopped self leveling or leaking <i>WILL</i> occur.</p> <p>4. Allow the Dura-Flex base to cure completely or until it will accept foot traffic. Reclaim any loose or unbonded sand, save for reuse.</p> <p><i>*Note. Refer to the Tile. Pavers or Stone Manufacture Data sheets for the proper choice of and installation of either a mastic. thin set or a mortar bed application.</i></p> <p>V. WARRANTY: Except for specifically designated and overseen jobs, warranties are limited to those which are standard with the application contractor, who has total control over substrate bonding and Dura-System application integrity.</p> |
|---|---|---|

All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are to guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely o one's own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his/her use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

THIS PUBLICATION SUPERSEDES ALL OTHERS

UNDER TILE.SPEC. JAN 2004

