



2250 E. Tropicana Ave Phone: (866) 977-8833  
 Suite 19-600 Fax: (800) 804-0182  
 Las Vegas, NV 89119 Email: sales@polytuffus.com  
 Web: www.polytuffus.com

**POLY-PROTECTION MAT**  
*Polypropylene Geotextile Mat*

**DESCRIPTION**

Poly-Protection Mat is a 4 ounce, non-woven, needle punched polypropylene, geotextile mat. It is manufactured from recycled polyester products which are environmentally friendly.

**FEATURES**

- ❖Increases Puncture Resistance
- ❖Replaces Awkward Protection Board
- ❖Excellent Reinforcement of Entire Waterproofing System

**TYPICAL USES**

Poly-Protection Mat is used in below-grade waterproofing membrane systems using Terra-Shield® BG, BG-100 or BG-200.

- ❖Outer Protection Mat

**COLOR/TEXTURE**

Black - Fuzzy (1 Side)/Smooth (1 Side)

**PACKAGING**

Single Rolls. 3' x 300' (0.91 m x 110 m)  
 nominal

**APPLICATION**

All exposed membrane surfaces should be protected by immediately installing the Poly-Protection Mat into the wet final coat of Terra-Shield® BG, BG-100 or BG-200.

Mats cut to predetermined lengths are held up to the top of the coated area and pressed into the coating, **smooth side down/fuzzy side up**. With the aid of a dry phenolic resin core roller, starting at the top and working your way to the bottom, the mat is embedded into the wet material.

Alternate Method: Roll the mat horizontally along the vertical surface, embedding the mat with a dry phenolic resin core roller as it is unrolled. Back filling may begin 12 hours after the Poly-Protection Mat is installed.

**TECHNICAL DATA**

Coverage per roll, observed .....	900 sq. ft. 83.6 m <sup>2</sup>
Weight Per Square Yard .....	4 oz. 135 g/m <sup>2</sup>
Weight Per Roll .....	25 lbs 11.3 kg
Thickness, ASTM D-5199-91 .....	100 mils 2540 microns
Grab tensile strength, ASTM D-1682 .....	90 lbs 40.8 kg
Wide width strip tensile strength, ASTM D-4595 .....	55 lbs/in 9.8 kg/cm
Mullen burst, ASTM D-3786 .....	230 psi 1.59 MPa
Puncture, ASTM D-4833 .....	60 lbs 27.2 kg
Trapezoid Tear Strength, ASTM D-4533-85 .....	40 lbs 18 kg

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**Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data and instructions.**

#### **LIMITED WARRANTY**

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical properties. PSI warrants that its products, when properly installed by a state licensed waterproofing contractor according to PSI guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

#### **DISCLAIMER**

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. 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, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PSI makes no claim that these tests or any other tests, accurately represent all environments.