



TILEGUARD™

COMPOSITE MEMBRANE UNDERLAYMENT FOR CERAMIC TILE FLOORING PROTECTION

DESCRIPTION:

POLYGUARD TILEGUARD™ is a composite membrane of fabric and rubberized asphalt, 40 mils in thickness. This elastomeric, self adhesive membrane, is wound on cores with a disposable silicone coated release sheet.

USES:

TILEGUARD is used under tile applications.

The material is elastomeric and strong, so it can absorb stress caused by concrete shrinkage cracking, and helps to prevent cracks in the subfloor from appearing in the tile surface above.

ADVANTAGES:

Can be installed over a variety of subflooring surfaces. Used underneath ceramic or brick flooring with thin or thick tile setting materials.

Tile floors with **TILEGUARD™** on the subfloor will not only be less subject to cracking, they will also stay quieter, warmer, and drier.

ISO 9001 QUALITY: Polyguard is the first manufacturer in any of its markets to receive this international certification for quality systems used in both manufacturing and new product development.

PROPERTY DATA:		
PROPERTY	TYPICAL MEASUREMENT	TEST METHOD
Total Thickness	40 mils (1.0mm)	-----
Elongation-Ultimate Failure of Rubberized Asphalt	1200%	ASTM D 412 (modified)
Peel Adhesion	>10 lbs./in. width	ASTM D1000
Low Temperature Elasticity	Does not crack when bent over a mandrel at -15° F	ASTM D 146 (modified)
High Performance Standard for Crack Isolation	Exceeds Requirements	ANSI 118.12

PACKAGING DATA		
ROLL SIZE	ROLLS/C TN	LBS / CTN
12" x 75'	3	65#
38" x 71'	1	65#

GUIDE SPECIFICATIONS:

Handling Materials: POLYGUARD membranes should be handled and stored so as to prevent injury to packages. Material should be stored in a cool, dry place, kept from contact with earth and protected from weather. Materials should be stored in heated buildings during cold weather.



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This information is based on our best knowledge, but POLYGUARD cannot guarantee the results to be obtained.



Polyguard is ISO 9001 certified since 1996.

Surface Preparation: The subfloor shall be clean, dry, and dust free. Non moving cracks >3/16: should be filled prior to application. Apply **POLYGUARD SHUR-TAC WATERBASE LIQUID ADHESIVE** at the rate of approximately 500 ft²/gallon, being sure to stir the liquid adhesive prior to use. Allow liquid adhesive to dry to a slight tacky surface. Can be applied with brush, short nap roller or spray applied, but do not multicoat or apply excess amounts.

Application: Cut roll to desired length. Remove the silicone coated release sheet immediately before application. Place the exposed adhesive bottom onto the subfloor, and smooth it into place as you go, trying to avoid air blisters. If blisters do occur, they can be slit and the membrane pressed flat. Use pressure from a roller or other wise to insure that the membrane is well conformed to the subfloor surface. If thin set mortar is used then it is recommended to use a latex modified thin set.

Cool Weather: When applied in cool temperature conditions, the adhesive surface of **TILEGUARD™** may lose a portion of its adhesiveness. The following measures will improve adhesion in cool installation conditions:

1. Keep rolls of membrane in a warm storage area prior to using.
2. On exterior surfaces, **POLYGUARD 650 LT LIQUID ADHESIVE** may be used.

LIMITATIONS:

This material is not recommended for use on subfloor surfaces where water vapor transmission or head pressure exists (example shower stalls or shower pans). This material is not recommended where cracks exceed 3/8", areas with horizontal movement > 1/4" or expansion joints that move vertically and horizontally. For these applications, **POLYGUARD 650 WATERPROOFING MEMBRANE** is recommended.

PRECAUTIONS:

This material is offered for sale by **POLYGUARD PRODUCTS, INC.**, only for the expressed purpose as described above. Usage for purposes other than taught by **POLYGUARD PRODUCTS, INC.** shall be the responsibility of the purchaser and **POLYGUARD PRODUCTS, INC.** does not warrant nor will be responsible for any misuse of these products. **POLYGUARD PRODUCTS, INC.** will replace, F.O.B. Ennis, TX, material not meeting our manufacturer's specifications, one year from date of sale.

MATERIAL SAFETY DATA:

All Material Safety Data Sheets and precautionary labels should be read and understood by all users' supervisory personnel and employees before using. Consult **POLYGUARD PRODUCTS, INC.** if any questions exist. Consult OSHA regulations for additional safety and health information for the products described herein. Purchaser is responsible for complying with all applicable federal, state, or local laws and regulations covering use of the product including waste disposal. This is not a Material Safety Data Sheet and is not to be used as such. **POLYGUARD** has prepared separate Material Safety Data Sheets on each product.

TECHNICAL SERVICE/INFORMATION:

Technical assistance, information and **POLYGUARD** products are available through a nationwide network of distributors and architectural representatives or contact **POLYGUARD PRODUCTS, INC.**