BALCONYGUARD™ MEMBRANE
Sheet Waterproofing Membrane

MANUFACTURER
Polyguard Products, Inc.
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PRODUCT DESCRIPTION
Basic Use
Balconyguard™ Membrane is a waterproofing membrane to be used specifically on wood deck balcony structures that will be covered with structural standard/lightweight concrete. Balconyguard™ Membrane is not to be used as a below-grade waterproofing membrane.

PRODUCT PROPERTIES
Balconyguard™ Membrane is a nominal 60 mil, cold-applied, adhesive waterproofing sheet.

Balconyguard™ Membrane 48-inch-wide rolls reduce edge seam occurrence by up to 25% when compared to traditional 36" wide material and thereby reduces the number of seams necessary.

COMPOSITION AND MATERIALS
Balconyguard™ Membrane is a proprietary asphalt compound bonded to a high strength PET film and protected with a removable release sheet.

Available single source accessory products include:
Primers:
- 650 LT Liquid Adhesive
- California Sealant
Other Accessories:
- 105 Flashing
- Detail Sealant PW™
- LM-85 SSL
- LM-95
- Balconyguard™ Outside Corner Boot
  Sheet Molded Drain and Protection Accessories:
- Polyflow® BD (for balcony decks with less than 3" of concrete and foot traffic only)

TECHNICAL DATA
See physical properties table.

INSTALLATION
The following information is general in nature and covers the basic requirements for installing this material and is not intended to be the single source reference. For job specific details or shop drawings, contact either Polyguard Technical Services or an authorized company representative for assistance.

- Prior to starting work, check that all horizontal surfaces to be waterproofed slope towards drainage or refer to balcony details for zero-slope applications. System is not intended for areas designed to retain water indefinitely but can retain casual water.
- Clean the substrates that will be receiving the materials. Remove any irregularities that present a membrane puncture hazard. Bridge gaps between supporting substrates with Detail Sealant PW™ or LM-95 to establish full support of the membrane.
- Apply in temperatures of 40°F (5°C) and rising, then roll over the installed membrane surface with a hard-surfaced rubber roller to insure intimate contact with the receiving substrate.
- Apply materials to substrates that are sound, dry, frost free and that have been primed with one of the listed primers in COMPOSITION AND MATERIALS.
- Install each material as shown in the graphics. Adhere Balconyguard in a shingled manner as the protective release sheet is peeled away.
- Adhere overlaps to a wiped-clean PET surface.
- Cover the application within thirty (30) days.

Polyguard does not manufacture, fabricate, or distribute metal drip edges or T-bars. Those shown graphically are representative of ones readily found in the marketplace. Drip edges and T-bars are an important part of the waterproofing assembly as they direct water to-and-over the face of the exterior finish below the deck.

STORAGE
Store inside in a dry environment; protected from sparks, flames, and excessive heat; out of direct sunlight; on a pallet; in the original shipping cartons; and on a stable surface rated for the weight.

Store outside on a pallet; in the original shipping cartons; on a stable surface rated for the weight; covered with a secured water repellant tarpaulin; and in a location protected from sparks, flames, and excessive heat.

Limit overall pallet height to 5-feet and do not double stack partial or full pallets.

SAFETY
SDS documents for all Polyguard products can be obtained at our website www.polyguard.com. Call Polyguard Products, Inc. at (214) 515-5000 with questions.

CLEAN UP
A citrus based cleaner is suggested for personal clean up.

WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within twelve (12) months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided.

TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.
P.O. Box 755, Ennis, TX 75120-0755
Sales: (615) 217-6061•Tech Support: (214) 515-5000
Email: archtech@polyguard.com
Website: www.polyguard.com

PROPERTY	TEST METHOD	TYPICAL VALUE
TOTAL THICKNESS	ASTM D 1000	60 mils
TENSILE STRENGTH - MEMBRANE	ASTM D 412 Modified Die C	841 psi
TENSILE STRENGTH - FILM	ASTM D 882	6300 psi
ELONGATION - ULTIMATE FAILURE OF RUBBERIZED ASPHALT	ASTM D 412 Modified Die C	730%
PERMEABILITY	ASTM E 96 Method B	0.017 perms-inch
PEEL ADHESION	ASTM D 903	20.0 lb./in. width
LAP ADHESION	ASTM D 1876	12 lbs.
PUNCTURE RESISTANCE - MEMBRANE	ASTM E 154	61 lbs.
LOW TEMPERATURE FLEXIBILITY (-15°F)	ASTM D 1970 Modified	Pass

PACKAGING	PART NUMBER	UNIT SIZE
BALCONYGUARD™ MEMBRANE	BALCONY GUARD 48	48" x 50' roll
Required Accessories:		
105 FLASHING	10512	12" x 50' rolls (2/ctn)
DETAIL SEALANT PW™	DETAIL SEALANT PW - SAU 20 OZ	20 sausages/ctn
Choose one of the Polyguard adhesives or sealants to prime the substrate		
650 LT LIQUID ADHESIVE	650-5 LIQ ADH 5 GA	5-gallon pail
650 LT LIQUID ADHESIVE	650-5 LIQ ADH 1 GA	4 – 1 gal pails/ctn
CALIFORNIA SEALANT	CALSEAL5	5-gallon pail
Possible Accessories:		
LM-85 SSL	LM85-5 SSL	5-gallon pail
LM-85 SSL	LM85-2 SSL	2-gallon pail
LM-95	LM952	2-gallon pail
BALCONYGUARD™ OUTSIDE CORNER BOOT 6" X 6" X 6"	PREFABRICATED 6" CORNER BOOTS	25 pcs/ctn
* Detail Sealant PW™ required in certain details – contact Polyguard Products.		
Drainage Accessories:		
POLYFLOW® BD	POLYFLOW BD	4' x 50' roll

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