

# POLYGUARD ASPHALTIC PROTECTION BOARD

## DESCRIPTION:

**POLYGUARD ASPHALTIC PROTECTION BOARD** is a pre-fabricated board with a mineral filled, high melt point asphalt core, between non-woven glass fiber mats. One side of the product has a poly film surface, the other side has a glass mat surface

## USES:

**POLYGUARD ASPHALTIC PROTECTION BOARD** is used as protection over waterproofing applications on foundation walls, bridge decks, parking garage decks, terraces, planters, tunnels and promenade decks. The tough, durable nature of the product makes it ideally suited to withstand the shock and impact of backfilling and paving as well as normal on-site foot traffic.

## BENEFITS:

- Inorganic reinforcement will not rot, resulting in longer life.
- Stable, will not curl, and resists moisture.
- Modified bitumen membranes can be torched, mopped or applied in cold-adhesive directly to board.
- Rigid to bridge over gravel embedded roof surfaces.
- Allows for re-roofing without tear-off, reducing cost and inconvenience.
- Lightweight system.

## PACKAGING:

Surfacing	Sizes	Ft <sup>2</sup> /Sheet	Weight	Pallet Quantities
Polyethylene film over Glass fiber mat.	1/8" x 33.3"x 6.67'	22	16 lbs. per sheet	150 sheets

TYPICAL PROPERTIES	
Thickness	1/8" (3.0 mm)
Water Absorption	Maximum 0.5%
Rubber Content	Up to 15%
Asphalt Content (ASTM D-147)	Minimum 60% by weight
Fiberglass Reinforcement	95 g/sq.m. non-woven mat
Puncture Strength (ASTM D4830)	55.5 lbs (246N)
Compression Tolerance	405 PSI (2700 Kpa) @ 23°C (before permanent set)

## APPLICATION INSTRUCTIONS:

**Preparations:** The surface to receive the **POLYGUARD ASPHALTIC PROTECTION BOARD** is normally one which has been waterproofed. Waterproofing systems include hot rubberized asphalt systems and cold asphalt systems, or sheet membranes. The waterproofed surface must be clean free of any debris and must have no sharp projections.

**Application:** Apply **POLYGUARD ASPHALTIC PROTECTION BOARD** directly on the waterproofing membrane as soon as practicable after application of the membrane. Where the protection board is placed over hot rubberized asphalt systems, placing must be done while the membrane is still hot to ensure adhesion. Overlap approximately 0.4", to a maximum of 1". Stagger joints a minimum of 6". Refer to specific requirements of local jurisdiction. Consult manufacturer for application instructions on vertical surfaces.



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

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**Horizontal Application:** *POLYGUARD ASPHALTIC PROTECTION BOARD* should be installed over the waterproofing membrane as soon as permissible by the membrane applicator or manufacturer. *POLYGUARD ASPHALTIC PROTECTION BOARD* sheets should be butted together and cut to fit all intersecting surfaces and protrusions.

**Vertical Application:** For dampproofed and/or waterproofed vertical walls to receive backfill, the *POLYGUARD ASPHALTIC PROTECTION BOARD* should be butt-jointed and, if necessary, temporarily held in place while backfilling.

**Backfilling:** Backfilling against vertical walls should be done immediately using care and caution to avoid damaging the waterproofing application. Backfill material should not be dropped against the *POLYGUARD ASPHALTIC PROTECTION BOARD* in such a manner that it could drag the sheet down as the backfill drops. For horizontal applications, the waterproofing and *POLYGUARD ASPHALTIC PROTECTION BOARD* should be installed just prior to the installation of the wearing surface.

#### **PRECAUTIONS:**

1. Where *POLYGUARD ASPHALTIC PROTECTION BOARD* is adhered to waterproofing membrane, use the adhesive recommended by the membrane manufacturer.
2. **CAUTION:** Do not apply the *POLYGUARD ASPHALTIC PROTECTION BOARD* over liquid applied waterproofing membranes containing volatile solvents until all of the solvent has evaporated. Consult membrane manufacturer for specific application details prior to placing the *POLYGUARD ASPHALTIC PROTECTION BOARD*. Read and follow application information, precautions and Material Safety Data information.

#### **LIMITATIONS:**

Poly film upper surface must be scorched prior to the application of asphaltic concrete overlay systems. Not designed for permanent exposure. Avoid using paving equipment that will penetrate through the board. Where board is to be adhered to sheet membrane e.g. EPDM, contact sheet membrane manufacturer for recommendations.

This product is not covered by Polyguard Products ISO 9001 certification.