

• **DESCRIPTION**

BITUGUARD is a multi-layer thermally bonded board, manufactured from selected additives which are bonded together in polymer modified bitumen and then sandwiched between layers of saturated fibre-glass and polyethylene liners. Each board has a polyethylene surface which acts as an anti-stick interleaf while packing.

• **USES**

BITUGUARD has been designed for use as a permanent protection to most waterproofing and damproofing systems, especially those systems indicated in BS 8102:1990. **BITUGUARD** with its high puncture resistance protects the waterproofing membranes from any impact by sharp aggregates during the backfill process and later settlements.

• **FEATURES**

- Non bio-degradable
- Weather, warp and rot proof
- Tough and durable
- Improved heat resistance
- Excellent resistance to chemicals
- Improved puncture resistance
- Compatible with most waterproofing systems

• **APPLICATION INSTRUCTIONS**

Application of **BITUGUARD** should be done when the ambient temperature is between 4° C and 45° C. Application of membranes should be avoided in case of extreme weather conditions such as sand storm, rain, etc.

The Protection Boards should be laid continuously by fitting all edges firmly. For horizontal surfaces, butt join the **BITUGUARD** sheets together. If required, cut the board to fit all intersections and protrusions. On vertical surfaces butt join the sheets and hold in place until backfill has been accomplished. **BITUGUARD** can be fixed by torch, double sided adhesive strip or with both cold and hot applied adhesives depending on the type of membrane that has been used. Supports/props can be used to keep the boards in place till the adhesive is strong enough to hold the board.

It will absorb the impact of aggregate shock, normal site foot traffic, and protect the waterproofing membrane from penetration by the sharp edges of reinforced steel and aggregate during the backfill process and late settlement.

• **TECHNICAL PROPERTY**

Thickness	: 3.2mm, 3.5mm, 4mm, 5mm & 6mm
Size	: 2m x 1m
Chisel Test	: Pass
Penetration	: 5 – 15 dmm
Resistance to static load	: L ₁₀
Softening Point	: 125° C

