

Shieldboard BP

Bituminous Protection Board



Description

Shieldboard BP is a semi-rigid protection board of modified asphalt compound with a core synthetic fiberglass, formed under hot press during the process of manufacturing.

Uses

- Protects waterproofing insulation from construction abuse and harmful puncture by rock and stones during the backfill operation.
- For horizontal surfaces, gives protection against normal foot traffic as well as wear caused by built-up over layers.

Characteristics/ Advantages

- Tough and durable protective cover for various waterproofing systems
- Superior protection against rotting and decomposing.
- Damp-proof.

Application Instructions

- Shieldboard BP** can be laid over the surface to be protected.
- No overlapping between boards is required.
- Use gentle torching or proper mastic to attach it to the surface.

Typical Properties

Thickness	2, 3, 4, 5 and 6 mm
Mass	3.7 – 7.5 kg/ m ²
Size	100 cm * 200 cm
Density	1.25
Softening Point (ASTM D36)	≥ 135°C
Penetration of coating (ASTM D5)	8 ± 5 dmm
Flexibility at 25°C	Flexible
Static Indentation Resistance at a maximum load of 25 kg	Not perforated at 25 kg (L4)
Chisel Puncture (650 g, 0.5 m)	< 1 mm
Bitumen Content (ASTM D545)	> 75% by weight
Water Absorption (ASTM D5147)	0.25%
Water Vapor Transmission (E96)	0.20 g / m ² per day
Water Permeability	Impermeable
Chemical Resistance	Resistant to alcohol, salt solutions, dilute acids, alkalis