

DESCRIPTION

Gulfboard is a semi flexible board impregnated with (APP) modified bitumen reinforced with non-woven polyester used for shielding waterproofing membrane against physical damage.

USES

To protect waterproofing membranes and waterproofing systems on roofs, bridges, basements, foundations, car parks and tunnels, etc, against impact and abrasion damage from site traffic and from sharp materials during backfill operations.

ADVANTAGES

- Light and easily handled
- Durable
- Robust
- Economical and convenient to use
- Low water absorption
- Flexible at low temperatures
- Stability at high temperatures
- Rot-proof
- Improves the ability of the waterproofing system.

SPECIFICATIONS

The waterproofing membrane shall be protected from mechanical damage by a protection board. Selection of thickness depends on specification requirement to resist impact load.

Certificates

The manufacturing facility is certified with the ISO 9001:2015 QMS, GMP, ISO 14001 EM and ISO 45001 O H & S.

PROPERTIES

Nominal size 1 x 2 mtr. Weight 3 to 6 kg/m²

THICKNESS

We produce different thicknesses (3,4,6 mm) are available upon request.

Technical Data

PROPERTIES	RESULTS	TEST METHOD
Board Thickness (mm)	5.6 - 7.1	ASTM D 5147
Coating Asphalt	APP Modified Asphalt	
Softening point (R&B)	>150 °C	ASTM D 36
Penetration at 25 °C (dmm)	6 - 8	ASTM D 5
Bitumen Content, minimum	50 %	ASTM D 4
Water Absorption at 24 Hrs.	0.25 – 0.35 %	ASTM D 570
Puncture Resistance (N)	800	ASTM E 154
Resistance to Decay	Meets Puncture Requirements	
Deflection (mm)	12 - 13	12 - 13

The information given in this data sheets is the average of test of various samples conducted under lab conditions. *In accordance to ASTM and UAEtc Standards results are subjected to 5 to 20% tolerance.

INSTRUCTION FOR USE

APPLICATION

Gulfboard can be spot bonded on to membrane by torch application method and pressed with a hard roller to strengthen the adhesion of the melted bitumen compound with the membrane surface. Once the board is fixed in place supports must be provided to keep the boards in place till the adhesion is strong enough to hold the board. Subsequent boards shall be laid continuously by butt fitting the edges. For irregular profiles the board shall be cut to fit all intersections.

APPLICATION TOOLS AND EQUIPMENT

- Gloves, face mask, coveralls, and safety goggles
- Flame torch & LPG cylinder -Brush / roller
- Steel scrapper
- Cotton waste
- Solvent cleaner
- Measuring tape
- Cutting knife, scissors

Application of protection board should be avoided in case of extreme weather. The ambient temperature during application should be between 4 °C and 45 °C

PACKAGING AND STORAGE

Gulfboard are stacked over pallets and wrapped. Store on ground level in dry and shaded area the pallets should be loaded or off loaded with the help of crane or forklift to prevent damage. Stack not more than one pallet high.

- Keep the products packed in a dry place.
- Keep away from direct sunlight.



HEALTH, SAFETY AND ENVIRONMENT

All safety measures should be observed during application. Fire extinguishers should be available on site. Care should be taken with gas, and torches should not be rested on finished surface or on any materials that can be scratched by flame or hot torch. Gloves and goggles should be worn by all workers during application.

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use.

TECHNICAL SUPPORT

International Insulation Company (IIC) - Bitugulf technical support team consist of expert engineers offers a comprehensive service support to specifiers, end users and contractors, and on-site technical assistance.

INTERNATIONAL INSULATION COMPANY (BITUGULF)

Factory

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Clearing the substrate



Application of primer



Prepare the torch & cylinder



Unrolling the membrane



Apply torch on membrane

Note: The technical data provided reflects typical properties based on laboratory tests and practical experience, subject to UEAtc tolerance levels. While we cannot guarantee performance under all conditions, further details are available upon request, with a standard variation of up to 20%.