

WATERPROOFING
ACCESSORY PRODUCTS

BOARDS

M I D D L E E A S T

SOPRABOARD

SEMI-FLEXIBLE BITUMINOUS PROTECTION BOARD

TECHNICAL DATA SHEET 180404SME2E

DESCRIPTION

SOPRABOARD is a high quality, semi flexible bituminous board for protecting waterproofing material against long term exposure, backfill and damage caused by construction traffic, concreting and other subsequent works. SOPRABOARD is produced with a mix of bitumen compounds, stabilizers, modifiers and strengthened with a rot-proof fabric reinforcement, providing superior puncture resistance and low deflection coefficient while maintaining a sufficient degree of flexibility to adapt to normal site usage. SOPRABOARD is supplied in sheets of 1 m X 2 m, in standard thickness of 3.2 mm, 3.5 mm, 4 mm and 6 mm and finishes on both faces with polyethylene foils. For other thickness, contact SOPREMA.

USER APPLICATIONS

Protection for waterproofing membranes and coatings in foundations, floors, terraces, bridge decks, planters, etc. SOPRABOARD provides positive protection not only during construction activities and backfilling, but also at the time of later settlement. SOPRABOARD is compatible with a wide range of waterproofing systems, including: all cold applied and hot applied bituminous sheet membranes and liquid applied systems.

INSTALLATION GUIDELINES

- Install SOPRABOARD continuously over the membrane while butting the joints.
- Cut SOPRABOARD sheets with a knife as required to obtain complete coverage and a neat overall finish.
- For optimum protection all butt joints may be taped with a 50 mm wide double-sided self-adhering tape (SOPRATAPE C).
- On vertical areas spot-bond the boards with a compatible SOPREMA bituminous or neoprene adhesive, using temporary supports in place until backfilling operation is completed.
- In horizontal areas spot bonding at corners and sides of the boards will be sufficient to avoid slippage during subsequent work over the boards.
- **Torching:** To install SOPRABOARD over thermofusible membranes, slightly heat the membrane surface with the torch or heat gun and adhere the board for permanent fix.
- **Adhering:** To install SOPRABOARD over self-adhesive membranes, use SOPRATAPE C double-sided self-adhering tape or a cold-applied adhesive.
- **Backfilling:** Concrete or application of toppings over the boards must begin as early as possible after installation of SOPRABOARD. For complete installation specification and information please contact your local SOPREMA representative.

RESTRICTIONS

Backfilling must be carried out with care to avoid sliding of the boards during backfilling.

SUSTAINABILITY, HEALTH & ENVIRONMENT

All our activities & growth target sustainable development to minimize the impact on the environment. Our products are made of raw material sourced from natural or recycled resources. Products foster sustainable resources, products and services with a positive impact on the environment or even products exert minimal impacts on the health of manufacturers and consumers. Consequently our products do not contain any substance that might be detrimental to health or to the environment and complies with generally accepted health standards. Please refer to the product's Safety Data Sheet (SDS) for more information related to health and safety of this product.

- SOPREMA may modify the composition and/or utilization of its products without prior notice.
- Manufactured by SOPREMA at any of SOPREMA's Plants Worldwide or in UAE Under Licence by SOPREMA

Durable: Excellent Resistance to Puncture & Normal Site Handling

Robust: Withstands Normal Construction Conditions and Impact from Backfilling

Protects Against Exposure, Construction Traffic Concreting & Other Topping Works

Rot-Proof: Unaffected by Permanent or Periodic Immersion in Ground Water

Semi-Flexible: Accommodates Normal Contours While Maintaining Dimensional Stability

Impermeable to Water & Vapour



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PACKAGING

SUPPLY DATA	SOPRABOARD			
Thickness	3.2 mm	3.5 mm	4.0 mm	6.0 mm
Weight	3.7 kg/m ²	4.0 kg/m ²	4.5 kg/m ²	6.5 kg/m ²
Dimensions (L/W)	2 m X 1 m			
Compound	Polymer modified bitumen			

TECHNICAL PROPERTIES

PROPERTIES	TEST METHOD	SOPRABOARD	
		3mm - 4mm	6mm
Softening point	ASTM D 36	≥ 130 °C	
Bitumen content (By Weight) Temperature 25 °C, R. Humidity: 50 ± 5 %	ASTM D4-1997	≥ 70 %	
Heat resistance (2 hrs. @ 120 °C)	UEAtc	No Flow	
Flexibility @ 25 °C	UEAtc MOAT 27	Flexible (no cracks)	
Water absorption	ASTM D 570	< 0.4 %	
Tensile strength	UEAtc	Long.: 520 Trans.: 290 N/5 cm	Long.: 500 Trans.: 270 N/5 cm
Impact strength	BS EN 12691:2000	No leakage (40mm Tool)	
Puncture resistance Temperature 25 °C, R. Humidity: 50 ± 5 %	ASTM E154	435 N	
Static indentation resistance	BS 747	No perforation @ 25 Kg, class L ₄	
Water permeability	UEAtc MOAT 27	Impermeable	
Chemical resistance	-	Excellent	

(All values are nominal)

STORAGE & HANDLING

SOPRABOARD should be stored away from the source of ignition. Adequate ventilation has to be ensured when applying solvent-based products in an enclosed area. Wear necessary Personal Protective Equipment. Open solvent based product drums or containers should be kept tightly closed, away from fire or open flame. Partly used material should be placed in a sealed container and stored in a well-ventilated area.

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