SEALOSTICK

HDPE SURFACED BITUMINOUS WATERPROOFING MEMBRANE

DESCRIPTION

SEALOSTICK is a self-adhesive polymer modified bituminous, waterproofing sheet membrane, laminated onto a tough HDPE film on one side and a silicone release film on the other. **SEALOSTICK** conforms to the requirements of BS 8102.

USES

- Cold applied, self-adhesive and easy to apply.
- Excellent adhesion to vertical and horizontal surfaces.
- Excellent resistance to chlorides, sulphates, dilute alkalis and acids.
- Good tear and puncture resistance.
- Water and vapor-proof.

APPLICATION INSTRUCTIONS

The application temperature should be between 10 ºC to 55 ºC. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the self-adhesive waterproofing system is as follows:

Surface Preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

Priming

Apply **CHEMCOAT SB** or any other equivalent bituminious primer or solvent-based primer @ 4-6 m^2/L to a clean, smooth and dry surface by brush, roller or spray. Allow the primer to dry prior to the application of the membrane. As the viscosity of the primer is low, it easily penetrates into concrete pores which promotes the adhesion between the membrane and the concrete surface. In addition, the primer also acts as a binder for the dust which gets accumulated on the surface even after cleaning.

Alignment

Start the installation of all membrane plies from the low point or drains, so that the flow of water is over or parallel to the plies, but never against the laps. All overlaps at the membrane seams shall be installed so as to have 'up' slope laps over 'down' slope laps. Begin membrane application by unrolling the roll of **SEALOSTICK** membrane and aligning the side laps.

Protection

The membrane shall be protected from damage due to ongoing site activities or from aggregates during backfilling by **PROTECTOBOARD**. Alternatively, on horizontal areas, the membrane can also be protected by laying a screed.

CHARACTERISTICS

SEALOSTICK is used as waterproofing or damp-proofing membrane intended for concrete protection. It may be used for horizontal and vertical application for tanking below ground structures, subways and retaining walls.

COLOURS

Available in standard flooring colours and in clear. Other colours can be matched upon request.

STORAGE AND SHELF-LIFE

SEALOSTICK membranes must be stored in a shaded area on wooden pallets neatly covered with a thick fabric and tied securely in a manner that will minimize exposure to sunlight and UV. The membrane shall be protected from all sources of heat. The shelf-life is 12 months if stored as per recommendations. Excessive exposure to sunlight, UV and other sources of heat will result in considerable deterioration of the product and reduce its shelf-life.

TYPE

WATER PROOFING

ADVANTAGES

CHEMICAL RESISTANT

PUNCTURE RESISTANT

COMPONENT

1 PART

SEALOSTICK

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TECHNICAL SPECIFICATION

Properties	Values		Test Standards
Thickness, mm	1.5	2.0	
Max load, N	21.8	21.8	ISO 527-1
Top Surfacing	HDPE film		-
Tensile Strength (Film), MPa	23.1		ISO 527-1
Elongation At Break (Film), %	144		ISO 527-1
Adhesion Strength, N/mm			ASTM D 1004
Prime Substrate	1.8		
Self	2.2		
Puncture Resistance, N	> 700		ASTM E 154
Watertight resistance	No leakage		BS EN 1928
Water Absorption %	4.8		BS EN ISO 62:2008
Crack Bridging Ability, mm	< -15		ASTM C 836
Application Temperature, °C	10 to 55		-
Service Temperature, °C	4 to 80		-

HEALTH & SAFETY

SEALOSTICK contains a tacky bitumen compound which can stick to human skin during application.
Bitumen stains can be removed by using a cloth dipped in a suitable cleaner.

PACKAGING

1m x 20m x 1.5mm per roll, 1m x 15m x 2.0mm per roll.

Legal Notes:
'Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgment but must not be regarded as amounting to a legal warranty or as involving any liability on our part. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of this product must test the product's suitability for the intended application and purpose. CHEMIND reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users may always refer to the most recent issue of our Product Data Sheet for the products concerned, copies of which will be supplied upon request.'

Made In Malaysia

SCOPE OF REGISTRATION AND STANDARDS

Manufacture of Waterproofing materials. Compliance with ASTM technical standards and AS 3740 - 2004 Australia Standard. SIRIM certification is available for selected products upon request, subject to applicable testing and certification requirements.

CHEMIND

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SIRIM

ASTM INTERNATIONAL Standards Worldwide

CHEMIND AUSTRALIAN TECHNOLOGY

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