



HIND HYDRO SHIELD SBS

PRODUCT DATA SHEET

SELD ADHESIVE SBS MEMBRANE 1.5

DESCRIPTION

Hind Hydro Shield SBS is self adhesive membrane of 1.5mm thickness, consisting a rubberized bitumen with adhesive additives, glass fiber reinforced with a removable siliconized PP film at the bottom and a high density polyethylene film at the top. The glass fiber reinforcement gives a excellent high dimensional stability especially at hot weather conditions.

USES

Hind Hydro Shield SBS is used to on surfaces which needs to be protected from water penetrations. It is used for protection high sloped cement , wooden and ventilated metal roofs. It is also used for waterproofing concrete, masonry and wood surface where the i-service temperatures does not exceed 54⁰ C. **Hind Bitkote** primer are to be used before application.

ADVANTAGES

- Eliminates the need for torching or mopping .
- Ensures quick, clean and easy lapping of Rolls.
- Water tight Membrane. No open flame on roof during application.
- Maintain an Attractive Appearance
- 100% UV Resistant.

APPLICATION

Prior to laying of **Hind Hydro Shield SBS**, the substrate should be cleaned and primed with **Hind Bitkote** Bituminous Primer and allowed to dry. Then the **Hind Hydro Shield SBS** is rolled on to the surface by removing the siliconize PP film bottom while unrolling and heavy pressure is applied by roller from the top so that it gets stuck to the surface firmly. The joints are overlapped of 75 to 100 mm for side laps and 100 to 150 mm for end laps by strips of **Hind Hydro Shield SBS**. All angles and abutments should be sealed with extra care to ensure full bondage. Seal the edges in to grooves and protect with suitable sealant.

PROPERTIES

Aspect	Black Colour Modified Bitumen Rolls (SBS)
Iner Reinforcement	Fiber Glass
Upper Surface Coating	HDPE
Lower Surface Coating	Removable PP film
Thickness (TS EN 1849-1)	1.5mm ± 0.2
Length (TS EN 1848-1)	20 metres
Width (TS EN 1848-1)	1 metre
Water Tightness (TS EN 1928)	10Kpa (Pass)
Straightness (TS EN 1848-1)	Pass
Reaction to fire	E Class

Water tightness after stretching (TS EN 13897)	NPD
Peel resistance of Joints (TS EN 12316-1) N/50mm	38 (+30%)
Water Vapour Properties (TS EN 1931)	20000 (Min)
Tensile Strength (MD/CMD) (TS EN 12311-1) N/50mm	400/300
Elongation (MD/CMD) (TS EN 12311-1) (%)	2/2
Impact Resistance (TS EN 12691 Mtd. A)	700 mm (Min)
Tearing Resistance (with Nail) (TS EN 12310-1) N/50mm	150 ± 20%
Dimensional Stability (TS EN 1107-1) (%)	≤ 0.6 (Max)
Cold Bending °C (TS EN 1109)	≤ -10 (Min)
Flow Resistance °C (TS EN 1110)	≥ 100 (Min)

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2^o C (Min.) and 35^o C (Max.).

PACKING

In rolls of 1 X 20 Metre Length.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
- The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
- Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
- Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
- The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

Office:
62B, Braunfeld Row, "VASUDHA", Kolkata - 700027
Tel: 24490839. Fax: 24490849
E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory:
Baniyara, Jalan Complex, Gate No.3
Howrah – 711 411
www.hindcon.com

