

DESCRIPTION

miwa[®] SBS 2000 is a 2.0mm thick flexible, preformed waterproof membrane comprising a HDPE polyethylene film & a thick self-adhesive rubber.bitumen compound. The membrane has been designed and specially formulated to withstand high ambient temperatures.

Continuity is achieved by overlapping adjacent rolls by 50mm and firmly rolling. Being factory made, the thickness of the membrane is constant throughout and is not subjected to variation by site labour as occurs with brush applied membranes.

FEATURES

- Chemically resistant - provides effective external protection against aggressive soils.
- Single layer - simple, reliable, low labour cost.
- Cold applied - self-adhesive overlaps ensure continuity.
- Flexible - accommodates minor settlement and shrinkage movement.

INSTALLATION

Measures should be taken to ensure that all surfaces are free from ice, frost or condensation. Installation is recommended between +10°C and +40°C.

Concrete blinding under base slab should be surface dry, free from standing water, and laid to a regular surface free from sharp protrusions and hollows.

Horizontal surfaces under base slabs do not usually require priming before applying the membrane.

Vertical surfaces shall be smooth, regular, dry and free from nails and primed with one coat of Primer applied by brush or roller at a rate of 8 to 10 sqm/litre depending on the porosity of the surface & allowed to dry completely before the application of the miwa[®] SBS 2000. Brickwork shall be flush pointed or rendered to provide a smooth surface before priming.

miwa[®] SBS 2000 shall be laid by peeling back the protective release paper and applying the adhesive face onto the prepared surface. The material should be brushed on to the surface to ensure good initial bond. Adjacent rolls are aligned and overlapped 50mm minimum at side and ends and well rolled with a firm pressure using a Lap Roller to ensure complete adhesion and continuity between the layers.

Any punctures or damaged areas should be cleaned and patched using miwa[®] SBS 2000 with 50mm laps all round.

Pipe entries may be sealed prior to the application of miwa[®] SBS 2000 with Liquid Membrane extended over the adjacent flat slab area to give a minimum 50mm lap under the miwa[®] SBS 2000. Liquid Membrane is a two component compound for waterproofing irregular profiles in conjunction with miwa systems. It is supplied in 5.7 litre and 15.1 litre packs.

Where miwa[®] SBS 2000 is to be left temporarily exposed on vertical surfaces, batten fixing may be necessary to prevent slippage. Prior to backfilling remove battening and cover fully with a subsequent layer of miwa[®] SBS 2000.

Following application care should be taken to prevent damage by following trades by using a 25mm screed as horizontal protection.

Vertical faces to be protected if required against damage from backfilling and fixing of reinforcement by using Servipak or other boards recommended by Serviced & spot bonded with Pak Adhesive.

SPECIFICATION

miwa[®] SBS 2000 preformed, self-adhesive membrane shall be laid on to smooth concrete substrates & on to vertical surfaces primed with Primer applying the preformed membrane sticky side downwards, to give well rolled 50mm overlaps, shall be laid strictly in accordance with the manufacturer's instructions.

TYPICAL PERFORMANCE PROPERTIES

Property	Test Method	Typical Values
Tensile Strength (Film)	ASTM D 882	1 9,700 KN/m ²
Tensile Strength (Composite)	ASTM D412	M.D: 1.3 N/mm ² CD: 1.1 N/mm ²
Elongation (Composite)	ASTM D412	300% or more
Puncture Resistance	ASTM E154	9 kg
Adhesion To Self	Grace Test Method B77	1100 N/m
Pliability	Grace Test Method	Pass

SUPPLY

MIWA[®] SBS 2000	: 1m x 16m roll : Average net weight 38 kg
Palletisation	: 20 rolls per pallet
Storage	: Store upright in dry conditions below 40°C
Nominal Thickness	: 2.0mm

GUARANTEE

MIWA[®] SBS 2000 products are warranted to be free of defects in manufacture for a period of ten years.

KOMIX Visit our website at: miwa.vn

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