

PRODUCT DATA SHEET

Sika® BituSeal-1500 SA Smooth Top

SELF-ADHESIVE BITUMINOUS WATERPROOFING MEMBRANE

DESCRIPTION

Sika® BituSeal-1500 SA Smooth Top is a self-adhesive polymer modified bituminous sheet membrane reinforced with a cross-laminated high strength HDPE film.

USES

Sika® Bituseal -1500 SA Smooth Top can be used as a waterproofing membrane on:

- Vertical walls
- Foundations and basements
- Retaining walls
- Terraces and balconies
- Roof under layments

CHARACTERISTICS / ADVANTAGES

- Cold applied
- Self-adhesive, easy to apply
- Excellent adhesion to vertical and horizontal surfaces
- Provides dimensional stability, high tear strength, puncture and impact resistance
- No gas torch required
- Centrolled thickness

PRODUCT INFORMATION

Chemical Base	Polymer-modified bituminous sheet
Packaging	1 x 15 m/roll
Appearance / Colour	Black
Shelf Life	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage Conditions	Stored on pallets in cool and dry place.
Length	15 m
Width	1 m
Effective Thickness	1.5 mm

TECHNICAL INFORMATION

Tensile Strength	2.5 MPa	(ASTM D412)
Elongation	600%	(ASTM D412)
Resistance to tear (nail shank)	12 N/mm	(ASTM D624)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Concrete shall be at least 8 days old. Surfaces must be clean, dry, and free from all traces of loose materials, old coatings, curing membranes, release agents, laitance, oil, greases, etc. Structurally unsound layers and surface contaminants must be mechanically removed by abrasive blast tracking or grinding. Substrates heavily impregnated with oil must be cleaned by torching or suitable solvent cleaning methods. For re-profiling defects on horizontal surfaces a suitable patching mortar is required. The patching mortar should be of cementitious base depending on the scope, particular conditions and requirements of the work. Contact our Technical Service Department for further information.

APPLICATION METHOD / TOOLS

First apply SikaProof® Membrane as a primer onto the substrate and allow to dry. Only apply the primer where the Sika® BituSeal-1500 SA Smooth Top is to be applied. Begin applying the Sika® BituSeal-1500 SA Smooth Top when the primer is tack free. Place the pieces of membrane on the surface to be water-proofed and ensure that laps of 50 mm on the side, and 50 mm at the ends, are maintained. Cut the membrane to desired shape if needed. Peel off the release film and place the membrane, ensuring that overlap requirements are kept. Press the membrane from the center towards the edges to expel entrapped air.

LIMITATIONS

- A slip sheet should be used on the membrane when applying a solid topping over the top
- An approved membrane protection board should be installed over the membrane prior to any backfilling

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. 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 the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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