

PRODUCT DATA SHEET

SikaShield® Primer W24 ID

RUBBERISED BITUMEN EMULSION USED FOR PRIMER TO TORCH ON BITUMINOUS WATER-PROOFING MEMBRANES

DESCRIPTION

SikaShield® Primer W24 ID is a water-based rubber modified bitumen thixotropic emulsion to be applied as primer for bituminous waterproofing membrane on concrete

USES

To achieve optimum adhesion and to fully bond the following systems:

Torch applied SikaShield bituminous waterproofing system as a primer on concrete and other cementitious substrates

FEATURES

- One component system
- Easily applied by brush or roller
- Excellent bond to concrete
- Relatively low drying time
- NO FLASH POINT. SikaShield® Primer W24 ID is a water-based material.
- Non-toxic

PRODUCT INFORMATION

Packaging	20 litre pail
Shelf life	12 months under good storage conditions and undamaged containers.
Storage conditions	This material is subject to damage by frost or heat and should be stored at temperature between 5 °C and 40 °C.
Density	0.96-1.20 g/cm ³ ASTM D1475
Consistency	Non-drip thixotropic paste of brushing consistency

APPLICATION INFORMATION

Consumption	0.3 - 0.5 litre/m ² .
Ambient air temperature	+5 °C to +50 °C
Drying time	About 2-4 hours according to temperature and thickness of the layer. (on Concrete)

BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

EQUIPMENT

SikaShield® Primer W24 ID may be applied by squeegee, brush, roller, or steel trowel.

SUBSTRATE PREPARATION

Surfaces must be clean and free from all traces of loose materials, old coatings, curing membranes, release agents, laitance, oil and 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 the Sika technical department for further information.

MIXING

Stir thoroughly SikaShield® Primer W24 ID before use to maintain homogeneity.

APPLICATION

Apply SikaShield® Primer W24 ID as a primer on all concrete and masonry substrates.

The primer should be applied at a rate of approximately 0.3 - 0.5 litre/m².

The primer coating must be totally dry before application of the waterproofing membrane.

Remove SikaShield® Primer W24 ID from tools and equipment with cold water when wet.

Hardened material can only be removed using kerosene or solvents.

CLEANING OF EQUIPMENT

Clean all tools with cold water when wet and use kerosene or solvents when dry.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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