

PRODUCT DATA SHEET

Sika® Aqua Blok® PU Primer

ONE-PART MOISTURE CURING PRIMER FOR POLYURETHANE WATERPROOFING MEMBRANES

DESCRIPTION

Sika® Aqua Blok® PU Primer is a moisture curing, single pack, low viscosity, liquid applied polyurethane penetrating primer. It is formulated to compliment SikaTite PU, Aqua Blok® PU100 and Aqua Blok® BT polyurethane waterproofing membranes. Sika® Aqua Blok® PU Primer improves adhesion, coverage and application, for use as a primer on dry porous substrates prior to the application of Sika® polyurethane waterproofing membranes. Not for use as a primary waterproofing membrane.

USES

Concrete

- Sand/cement screeds
- Cement render
- Fibrous cement sheeting
- Compressed fibrous cement sheeting
- Water resistant plasterboard
- Marine ply and level 3 treated ply

CHARACTERISTICS / ADVANTAGES

- Low viscosity - Penetrating
- Internal and external applications
- One part – No mixing
- Excellent adhesion to porous substrates
- Good coverage and application properties

PRODUCT INFORMATION

Packaging	15 Litre metal pails
Colour	Grey
Shelf life	12 months from date of manufacture in original, sealed containers, if the storage conditions are met.
Storage conditions	Store in dry, weatherproof environment, protected from direct sunlight at temperatures between +5°C and +25°C.
Substrate Temperature	The substrate temperature must be a minimum of 3°C above dew point during application and cure.
Substrate Moisture Content	Substrate moisture content should not exceed 6% by weight, determine maximum moisture content of substrate with a Tramex CME or CM Expert type concrete moisture meter.

Drying time

Allow minimum 6 hours between coats. Allow longer in adverse weather conditions.

MIXING

Single component, ready to use undiluted, prior to application thoroughly mix using a mechanical mixer to produce a homogeneous liquid.

APPLICATION METHOD / TOOLS

Sika® Aqua Blok® PU Primer may be applied using a brush, roller or squeegee. Application coverage rate of 7 - 8m²/litre and must be uniformly applied. Application of two coats is recommended on highly porous and dusty substrates. The waterproofing membrane must be installed within 24 hours of application of the primer.

CLEANING OF EQUIPMENT

Remove liquid coating immediately with a dry cloth, clean tools and equipment with Sika® Colma Cleaner while the material is still wet. Use disposable brushes and roller sleeves. Cured coating can only be removed mechanically.

FURTHER INFORMATION

- Safety Data Sheet (SDS)

IMPORTANT CONSIDERATIONS

LIMITATIONS

- Sika® Aqua Blok® PU Primer is not designed to stop a hydrostatic head of water pressure.
- Sika® Aqua Blok® PU Primer must not be used over damp, wet or contaminated substrates.
- Sika® Aqua Blok® PU Primer is not suitable to be tiled over.
- Sika® Aqua Blok® PU Primer is not suitable for use with waterbased waterproofing membranes.
- Sika® Aqua Blok® PU Primer must not be applied if it is raining or if rain is imminent.
- Sika® Aqua Blok® PU Primer must not be applied directly over protective coatings.
- Sika® Aqua Blok® PU Primer must not be used in areas of continuous immersion.
- To eliminate contamination, the waterproofing membrane be applied as soon as the Sika® Aqua Blok® PU Primer has cured.
- Do not allow the product to freeze.
- Do not apply where the substrate temperature is below 10°C or greater than 35°C.
- Contact Sika Technical Service for advice if further information is required.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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