

PRODUCT DATA SHEET

Aqua Blok[®] Epoxy Prime 2K

WATERBASED EPOXY PRIMER AND SURFACE CONSOLIDATOR

DESCRIPTION

Aqua Blok[®] Epoxy Prime 2K is a two part, water-based epoxy primer for dry, porous substrates. Aqua Blok[®] Epoxy Prime 2K is a substrate consolidator and adhesion promoter for use over concrete, screeds and water resistant sheeting prior to the application of water-based and solvent based Aqua Blok[®] and SikaTite[®] waterproofing membranes for internal and external applications.

USES

- Concrete, rendered brickwork, rendered blockwork, screeds and fibrous cement sheeting
- Use as a primer prior to the application of Aqua Blok[®] waterproofing membranes
- Use as a primer prior to the application of SikaTite[®] waterproofing membranes
- For internal and external applications
- For wall and floor applications

CHARACTERISTICS / ADVANTAGES

- Limits bubbling, blistering and pin holes in liquid applied waterproofing membranes
- Convenient 1:1 mixing ratio by volume or weight
- Excellent adhesion to masonry substrates
- Easy water clean-up
- Non-flammable

PRODUCT INFORMATION

Packaging	20L Kits (10 L Part A + 10 L Part B)
Colour	Part A - Light Blue, Part B - Clear. Cured product is Light Blue
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.

APPLICATION INFORMATION

Mixing ratio	1:1 by volume of Part A & Part B
Consumption	1 litre of mixed product to a approximately 3m ² , WFT of 340 microns. A minimum of 2 coats required for a DFT of 200 microns
Substrate moisture content	Dry porous substrates with a maximum moisture content of 4% by weight.

Pot Life	Mixed product must be used within 2 hours at 23°C.
Drying time	Allow minimum 4 hours between coats at 23°C. Allow longer in adverse weather conditions. Drying time is dependent on ambient temperature and relative humidity.
Waiting time to overcoating	Allow a minimum of 24 hours and a maximum of 72 hours curing prior to the application of AquaBlok® or SikaTite® liquid applied waterproofing membranes. In case the overcoating interval of 72 hours has been exceeded, apply a further coat of Aqua Blok® Epoxy Prime 2K to reactivate and extend overcoating interval.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces to be waterproofed must be firm, clean, dry, structurally sound and smooth. All grease, oil, wax, curing compounds, dust, loose material, laitance and all other contaminants must be removed. The substrate surface must be continuous and not pond water.

Sheeting

All sheeting must be fixed in accordance with manufacturer's installation directions.

Concrete

Concrete must be allowed to cure for 28 days and cement render and sand and cement screeds must be allowed to cure for 7 days prior to the application of Aqua Blok® Epoxy Prime 2K. Surfaces must be even and smooth, imperfections must be repaired with a suitable Sika® MonoTop repair mortar.

MIXING

Prior to application thoroughly stir Part A and Part B with separate implements. Measure equal volumes of Parts A and B and place into a clean container. Using a mechanical mixer, thoroughly mix together to produce a homogenous liquid. Use care to avoid air entrapment into the mixture. Do not mix more product than can be used in 2 hours at 23°C.

APPLICATION METHOD / TOOLS

Aqua Blok® Epoxy Prime 2K must be applied in a thin even coat by brush or short nap roller ensuring that the product is worked well into the substrate to ensure adequate penetration and full coverage, avoid ponding. Highly porous surfaces may require a second coat, each coat must be applied at right angle to the previous coat. Allow each coat to cure and be tack-free before application of the following coat. It is recommended to test the application depth with a wet film gauge (300 microns) at regular intervals.

CLEANING OF EQUIPMENT

Remove liquid coating immediately with a dry cloth, clean tools and equipment with clean water while the material is still wet. Cured coating can only be removed mechanically.

IMPORTANT CONSIDERATIONS

- Aqua Blok® Epoxy Prime 2K is not suitable to be tiled over.
- Aqua Blok® Epoxy Prime 2K is not a moisture vapour barrier.
- Aqua Blok® Epoxy Prime 2K must not be used over damp, wet or contaminated substrates.
- Aqua Blok® Epoxy Prime 2K must not be applied if it is raining or if rain is imminent.
- Aqua Blok® Epoxy Prime 2K must not be applied over protective coatings.
- Aqua Blok® Epoxy Prime 2K must not be used as a trafficable, exposed or UV stable coating.
- Aqua Blok® Epoxy Prime 2K must not be applied in submerged conditions.
- Aqua Blok® Epoxy Prime 2K is a primer and not a waterproof membrane.
- AquaBlok® or SikaTite® range of waterproofing membranes is required in conjunction with Aqua Blok® Epoxy Prime 2K.
- In enclosed areas ventilation should be provided to ensure adequate cure.
- Discard any material that has exceeded the pot life of the product.
- Do not apply where surface temperature is below 10°C or greater than 35°C.
- Contact Sika Technical Services 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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Product Data Sheet

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