

PRODUCT DATA SHEET

Sika® Tite Moisture Seal 2K

TWO PART, LOW VOC, WATER BASED EPOXY PRIMER

DESCRIPTION

Sika® Tite Moisture Seal 2K is a two part, water-based, epoxy which chemically cures to form a waterproof vapour barrier that prevents rising damp and continuous seepage. Sika® Tite Moisture Seal 2K can be used as a primer over damp concrete and damp screeds prior to the application of Sika® Tite and Aqua Blok® waterproofing membranes. Sika® Tite Moisture Seal 2K is a low VOC product that is ideal for use in confined spaces.

USES

- Concrete, rendered brickwork, rendered blockwork, screeds and fibrous cement sheeting.
- Negative pressure waterproofing to prevent seepage.
- For use as primer prior to the application of waterproofing membranes.
- Moisture vapour barrier coating for green screed and concrete.

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to damp substrates
- Easy water clean-up
- Non-flammable
- Resistant to moisture
- Convenient 1:1 mix ratio
- Easy to apply

PRODUCT INFORMATION

Packaging	20L Kits (10 L Part A + 10 L Part B)
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.
Solid content by volume	~ 50%

APPLICATION INFORMATION

Mixing ratio	1:1 by volume of Part A & Part B
Consumption	1 litre of mixed product to approximately 4.8m ² , WFT of 200 microns. A minimum of 2 coats required for a DFT of 200 microns
Layer thickness	2 coat application to achieve a minimum dry film thickness of 200 microns.

Pot Life	Mixed product must be used within 2 hours at 23°C.
Waiting time to overcoating	Allow a minimum of 24 hours and a maximum of 48 hours curing prior to the application of Aqua Blok® or Sika® Tite liquid applied waterproofing membranes. In case the overcoating interval of 72 hours has been exceeded, apply a further coat of Sika® Tite Moisture Seal 2K to reactivate and extend overcoating interval.
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.

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.

FURTHER INFORMATION

- Safety Data Sheet (SDS)

IMPORTANT CONSIDERATIONS

LIMITATIONS

- Sika® Tite Moisture Seal 2K must not be applied directly over protective coatings.
- Sika® Tite Moisture Seal 2K must not be applied if it is raining or if rain is imminent.
- Sika® Tite Moisture Seal 2K is not recommended for metal surfaces as corrosion may occur.
- Sika® Tite Moisture Seal 2K must cure for a minimum of 72 hours prior to full immersion.
- Sika® Tite Moisture Seal 2K must not be used as a trafficable exposed or UV stable coating.
- Sika® Tite Moisture Seal 2K cure time is affected by surface, ambient temperature and relative humidity.
- Sika® Tite Moisture Seal 2K is a vapour barrier and primer to be used with Aqua Blok® or Sika® Tite range of waterproofing membranes.
- Sika® Tite Moisture Seal 2K is not recommended as an efflorescence barrier for sand cement screeds or render and is not suitable to be tiled over.
- Do not apply where the substrate temperature is below 10°C or greater than 35°C.
- Discard any material that has exceeded the pot life or working time of the product.
- In enclosed areas ventilation should be provided to ensure adequate cure.
- Contact Sika Technical Service for advice if further information is required.

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.

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 other contaminants must be removed. All projections and rough spots should be dressed off to achieve a level surface. The substrate surface must be continuous. Substrates that have been previously treated or

coated with curing compounds, bonding agents or other coatings must be mechanically prepared and washed to produce a contaminant-free surface.

Sheeting

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

Concrete

Concrete must be allowed to cure for 7 days and cement render and sand and cement screeds must be allowed to cure for 24 hours prior to the application of Sika® Tite Moisture Seal 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.

CLEANING OF EQUIPMENT

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

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.

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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