

PRODUCT DATA SHEET

Sika® Multigard

READY TO USE WATER BASED BREATHABLE EPOXY UNDERCOAT FOR INDOOR APPLICATIONS

DESCRIPTION

Sika® Multigard is a solvent free, water based, odourless, epoxy protective coating. It provides long lasting protection for wall against damp patches.

USES

- Used as coating on concrete, rendering, stone, asbestos and cement substrates.
- Can be applied on absolutely damp surfaces without peeling off
- Used as an undercoat on internal damp patches on walls etc to allow entrapped moisture to breathe out.
- Protective coating against weathering and mild chemical attack in areas such as cantilevers, galleries, retaining walls, basements, workshops, reservoirs and balconies.

CHARACTERISTICS / ADVANTAGES

- For indoor application only
- Excellent finish in base white colour
- Protects cementitious structures against weathering
- No sagging in vertical application
- Resistant to oil and grease
- Weather-proof
- Mild dew-resistant
- No solvent, no fire hazard
- Suitable for potable water reservoirs
- Easy to apply by brush or roller
- Adheres to damp surfaces
- Odourless
- Breathing out characteristic allows entrapped moisture to breath out through the coating thus preventing peeling and blistering
- Can be stained with good quality water based stainer for light shades to match the background colour in case no overcoat of paint is to be applied
- Overcoat of Sika® Wall Décor or acrylic based paint can be applied once the entrapped moisture breathes out

PRODUCT INFORMATION

Chemical Base	Epoxy, water dispersed	
Packaging	Part A	0.4 kg
	Part B	0.2 kg
	Part A+B	0.6 kg x 4 sets
Appearance / Colour	Part A	white, paste
	Part B	off white, liquid
Shelf Life	12 months from date of production	
Storage Conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10°C and +30°C.	
Density	Part A+B Mixed : ~ 1.20 kg/L (at +27°C)	
Solid content by weight	~ 49%	

APPLICATION INFORMATION

Mixing Ratio	Part A : Part B = 2 : 1 (by weight)	
Consumption	One pack of 600 grams covers approx 20 sqft in 2 coats	
Ambient Air Temperature	+8°C min. / +35°C max.	
Relative Air Humidity	75% max.	
Dew Point	Beware of condensation! The substrate must be at least 3°C above the Dew Point to reduce the risk of condensation, which may lead to adhesion failure.	
Substrate Temperature	+8°C min. / +35°C max.	
Pot Life	~ 30 minutes (at +30°C)	
Curing Time	Tack Free	Full Cure
	~ 2 hours (at +30°C)	7 days (at +30°C)

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. Use a wire brush or emery paper and wash with tap water. Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products from the Sika-floor®, Sikadur® and Sikagard® range of materials.

MIXING

Sika® Multigard is supplied in pre-batched system. Stir Part A and Part B well, separately. Add Part B into Part A and mix continuously for 2 minutes with a spatula until a uniform mix has been achieved. Over mixing must be avoided to minimize air entrainment.

APPLICATION

Slightly dampen the prepared surface before application. Apply Sika® Multigard by brush or roller within 20 - 30 min of mixing. Use minimum two coats.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be removed mechanically.

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.

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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.