BUILDING TRUST

PRODUCT DATA SHEET

# SikaWall®-603 Acrylic

Ready-to-use acrylic skim coat

## DESCRIPTION

SikaWall®-603 Acrylic is a skim smoothing rendering paste that is used for levelling uneven surfaces and re-pairing surface defects in concrete, plasters and dry-walls. A smooth surface is obtained by eliminating blemishes such as grooves, seams, fine cracks and blowholes.

## USES

For interior and exterior walls, columns and ceilings:
- Shuttered concrete
- Reinforced concrete shell-work
- Concrete soffits
- Cast insitu concrete
- Precast concrete panels/Acotec panels

Note: Painting on skimcoat surface is recommended for exterior application.

For interior use:
- Light weight block plasters
- Brickwall plasters
- Drywalls - Gypsum boards, cement boards and plaster boards

## CHARACTERISTICS / ADVANTAGES

- Application thickness of 0.3–4.0 mm
- White smooth finish
- Excellent trowelability
- Can be overpainted
- Good weather resistance
- Cost and time saving

## PRODUCT INFORMATION

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| **Composition** | Synthetic resin, mineral filler and admixture |
| **Packaging** | ▪ 5 kg pail<br>▪ 25 kg pail |
| **Appearance / Colour** | White paste |
| **Shelf Life** | 12 months from the date of production |
| **Storage Conditions** | Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +20 °C and +30 °C. Protect from direct sunlight, rain and water. |
| **Maximum Grain Size** | 0.1 mm |

## TECHNICAL INFORMATION

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| **Tensile Adhesion Strength** | ~1.3 N/mm² at 28 days | (EN 1015-12) |

## APPLICATION INFORMATION

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| **Consumption** | ~1.8 kg/m² per mm thick, depending on the quality of the substrate |
| **Curing Time** | 24–48 hours depending on application thickness and ambient conditions. |
| **Waiting Time / Overcoating** | 2 hours at 20 °C |
| **Fresh Mortar Density** | 1.8 kg/l |

## 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.

## IMPORTANT CONSIDERATIONS

- New wall plasters should be at least 3 weeks old before applying SikaWall®-603 Acrylic
- Do not apply SikaWall®-603 Acrylic over dynamic/movement cracks or structural cracks
- Do not use SikaWall®-603 Acrylic as the base coat for embedding Reinforcing Mesh
- Do not apply to a damp or frozen substrate
- Do not use in freezing conditions
- Not suitable for wet areas or areas immersed in water (tanks, pools etc.)
- Do not cover with a hydraulic binder-based mortar
- Do not mix with any other materials, including water.

## 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

### SUBSTRATE QUALITY / PRE-TREATMENT

All substrate must be clean, sound, dust-free and without any traces of oil, laitance, curing compound, coatings etc.
Blowholes, seams, and surface defects exceeding 3 mm must be treated with Sika® MonoTop® range of products prior to application.

### APPLICATION

SikaWall®-603 Acrylic is a ready-to-use skim coat. Do not mix with any other materials, including water. Apply a layer of SikaWall®-603 Acrylic to the surface of the substrate with a clean stainless steel trowel. Always work to achieve a flat and smooth surface with minimal trowel marks. Maintain a wet edge by applying and levelling continually over the substrate surface. Work the skim coat to corners, joints or other natural breaks. Do not allow the skim coat to dry-out within an uninterrupted wall area. Allow the surface to completely cure before applying subsequent coats. Wash the blade of tool regularly in order to remove hardened residues. Never return the product to the bucket. Two separate coats must be applied for successful resurfacing. (First layer as a primer to fill up all minor defects). If required, sand the surface of first coat using #80–#100 drywall sand paper and remove all dust by compressed air or vacuum.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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 cur-

rent 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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