

## PRODUCT DATA SHEET

# SikaWall®-191 Base

### HIGH PERFORMANCE, CEMENTITIOUS BASE COAT

#### DESCRIPTION

Formerly known as Brefill® Mortar. SikaWall®-191 Base is a cement based filling and leveling plaster for concrete surfaces. SikaWall®-191 Base consists of finely crushed white marble and high grade sand of consistent quality and composition, modified with alkali-resistant additives.

#### USES

SikaWall®-191 Base is a fast and economical way to level uneven substrates such as concrete, aerated concrete, hollow block walls, light-weight blocks, etc.

#### CHARACTERISTICS / ADVANTAGES

- Provide a levelled & fine surface finish on walls, ceilings, etc.
- Greater durability and flexibility
- Quick drying and easy to apply
- Thickness of the plaster can be varied to minimise wastage
- Non-combustible
- Non-cracking when applied at correct thickness and properly cured
- Easy to mix – just add water
- Good adhesion
- Can be applied by spraying

#### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Composition</b>         | Cementitious mortar   |
| <b>Packaging</b>           | <ul style="list-style-type: none"> <li>▪ 25 kg bag</li> <li>▪ 40 kg bag</li> </ul>  |
| <b>Appearance / Colour</b> | <ul style="list-style-type: none"> <li>▪ Grey</li> <li>▪ White</li> </ul>   |
| <b>Shelf Life</b>          | 6 months from the date of production  |
| <b>Storage Conditions</b>  | Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight, rain and water. |
| <b>Density</b>             | 1.10–1.30 kg/l  |
| <b>Maximum Grain Size</b>  | 0.6 mm  |

#### TECHNICAL INFORMATION

|                                  |                          |                         |                   |              |
|----------------------------------|--------------------------|-------------------------|-------------------|--------------|
| <b>Tensile Adhesion Strength</b> | SikaWall®-191 Base Grey  | ≥ 0.4 N/mm <sup>2</sup> | Cohesion fracture | (EN 1015-12) |
|                                  | SikaWall®-191 Base White | ≥ 0.3 N/mm <sup>2</sup> | Adhesion fracture |              |

#### APPLICATION INFORMATION

|                             |   |                                  |
|-----------------------------|---|----------------------------------|
| <b>Mixing Ratio</b>         | <b>Packaging</b>  | <b>Water consumption per bag</b> |
|                             | 25 kg   | 7.50 - 8.25 L                    |
|                             | 40 kg   | 12.00 - 13.20 L                  |
| <b>Fresh Mortar Density</b> | 1.65–1.68 kg/l  |                                  |
| <b>Consumption</b>          | 1.2–1.3 kg/m <sup>2</sup> per mm<br>* This may only serve as a guideline. It is highly recommended to run a trial on site to determine the actual coverage. |                                  |
| <b>Layer Thickness</b>      | 2–3 mm  |                                  |

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be sound, clean, dry and free of all contaminants e.g. dirt, oils, grease, coatings, surface treatments, etc. If in doubt, apply a test area first. Dry concrete, render or SikaWall® surfaces must be pretreated before application.

### MIXING

SikaWall®-191 Base must be mixed with clean water at the site using a power drill whisk. Pour the required water into a clean container then add SikaWall®-191 Base while stirring continuously until a smooth consistency is achieved. Allow mixture to stand for a few minutes. Mix again and the plaster is ready for use.

### APPLICATION

SikaWall®-191 Base is applied either by hand with a steel trowel or spatula. The coat is then levelled off to a smooth surface with a steel trowel. Ensure that the applied coat is dry before application of subsequent 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.

## IMPORTANT CONSIDERATIONS

- Do not use SikaWall®-191 Base on painted or gypsum surfaces.
- Applications of SikaWall®-191 Base which are too thin can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.
- Applications of SikaWall®-191 Base on very porous or dry substrates can result in a chalky or dusty finish that is unsuitable for painting or subsequent applications.

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#### Product Data Sheet

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## 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 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.

## 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.