

## PRODUCT DATA SHEET

## SikaWall®-160 Plaster

## HIGH PERFORMANCE, CEMENTITIOUS RENDER

## DESCRIPTION

SikaWall®-160 Plaster is a durable, high quality cementitious prepacked mortar specially formulated for plastering work on concrete surfaces, brickwalls and blockwalls.

## USES

SikaWall®-160 Plaster is designed for plastering on concrete surfaces, brickwall, blockwall and lightweight autoclaved aerated blocks. It is recommended for use as joint mortar for brickworks, blockworks and bedding to receiving wall tiles. It is suitable for internal and external applications.

## CHARACTERISTICS / ADVANTAGES

- Provides superior bond strength to the substrates.
- Greater durability and flexibility
- 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

## PRODUCT INFORMATION

|                     |   |            |
|---------------------|---|------------|
| Composition         | Cementitious mortar   |            |
| Packaging           | <ul style="list-style-type: none"><li>▪ 25 kg bag</li><li>▪ 40 kg bag</li></ul>   |            |
| Appearance / Colour | Grey powder   |            |
| Shelf Life          | 6 months from the date of production  |            |
| Storage Conditions  | 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. |            |
| Density             | ~1.1 kg/l   | (EN 459-2) |
| Maximum Grain Size  | 4.5 mm  |            |

## TECHNICAL INFORMATION

|                           |                         |              |
|---------------------------|-------------------------|--------------|
| Tensile Adhesion Strength | ≥ 0.5 N/mm <sup>2</sup> | (EN 1015-12) |
|---------------------------|-------------------------|--------------|

## APPLICATION INFORMATION

|                             |   |                                  |
|-----------------------------|---|----------------------------------|
| <b>Mixing Ratio</b>         | <b>Packaging</b>  | <b>Water consumption per bag</b> |
|                             | 25 kg   | 3.4–4.0 L                        |
|                             | 40 kg   | 6.4–6.6 L                        |
| <b>Fresh Mortar Density</b> | 1.7–1.8 kg/l  |                                  |
| <b>Consumption</b>          | 1.4–1.5 kg/m <sup>2</sup> /mm   |                                  |
|                             | * 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>      | 5–15 mm per layer of application  |                                  |

## 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, brick or block surfaces must be prewetted before application.

### MIXING

SikaWall®-160 Plaster 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®-160 Plaster while stirring continuously until a smooth consistency is achieved.

### APPLICATION

SikaWall®-160 Plaster is applied either by hand with a steel trowel or spatula. The mortar is then levelled-off to a flat surface with a steel trowel or wooden float. Ensure the applied layer is dry before application of subsequent layers.

### 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®-160 Plaster on gypsum surfaces. Applications of SikaWall®-160 Plaster which are too thin can result in a chalky finish that is unsuitable for subsequent applications. Applications of SikaWall®-160 Plaster 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.

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