

PRODUCT DATA SHEET

SikaWall®-191 Base EM

High performance, cementitious base coat for internal and external wall

DESCRIPTION

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

USES

SikaWall®-191 Base EM 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 and fine surface finish on internal and external walls, ceilings, etc.
- Higher 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

Packaging	25 kg bag
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.

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 0.5 N/mm ²	(EN 1015-12)
---------------------------	-------------------------	--------------

APPLICATION INFORMATION

Mixing Ratio	6.5–7.0 L of water per 25 kg bag
Consumption	1.2–1.3 kg/m ² per mm <small>* Dry powder * This may only serve as a guideline. It is highly recommended to carry-out trials on site to determine the actual coverage.</small>
Layer Thickness	2–5 mm
Fresh Mortar Density	1.6–1.9 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

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

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 PREPARATION

The substrate must be sound, clean, dry and free from 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 prewetted before application.

MIXING

SikaWall®-191 Base EM 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 EM 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 METHOD / TOOLS

SikaWall®-191 Base EM is applied either by hand with a steel trowel or spatula. The coat is then levelled off to a smooth finish. Ensure that the applied coat has hardened before applying 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.

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 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.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate,
71800 Nilai, Negeri Sembilan D.K.
Malaysia
Phone: +606-7991762
e-mail: info@my.sika.com
Website: www.sika.com.my



Product Data Sheet

SikaWall®-191 Base EM
December 2024, Version 04.01
021840101000000055

SikaWall-191BaseEM-en-MY-(12-2024)-4-1.pdf