

PRODUCT DATA SHEET

SikaMur®-105 Bedding Mortar

HIGH PERFORMANCE CEMENTITIOUS-BASED ADHESIVE MORTAR

DESCRIPTION

SikaMur®-105 Bedding Mortar is an adhesive mortar for thin bed laying of aerated lightweight concrete blocks, and is specially formulated for easy application with good adhesion strength.

USES

SikaMur®-105 Bedding Mortar is a fast and economical way to lay aerated lightweight concrete blocks and panels.

CHARACTERISTICS / ADVANTAGES

- Greater durability and flexibility
- Non-combustable
- Water retention for strength development
- Quick drying and easy to apply
- Easy to mix, just add water
- Good adhesion

PRODUCT INFORMATION

Packaging	25 kg bag
Appearance / Colour	Grey powder
Shelf Life	6 months from 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	~1.7 kg/l

TECHNICAL INFORMATION

Tensile Adhesion Strength	0.4 N/mm ² (substrate failure)	(EN 1542)
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APPLICATION INFORMATION

Mixing Ratio	5.25–5.50 L of water per 25 kg
Consumption	~0.6 m ² /kg per mm thickness
Layer Thickness	2–4 mm

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be sound, clean, dry and free of all

contaminants e.g. dirt, grease, surface treatments, etc.

MIXING

SikaMur®-105 Bedding Mortar must be mixed with clean water at the site using a power drill whisk. Pour the required water into a clean container then add SikaMur®-105 Bedding Mortar while stirring continuously for 3 minutes until a smooth consistency is achieved. Allow mixture to stand for a few minutes.

APPLICATION

Ensure good contact between SikaMur®-105 Bedding Mortar and block surface. Lay the blocks immediately after SikaMur®-105 Bedding Mortar is applied and adjust the blocks by tapping lightly with a rubber mallet. Apply up to maximum two blocks at a time. Immediately remove the excess adhesive mortar at the joints before it hardens.

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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