

PRODUCT DATA SHEET

SikaMur[®]-200 Lime MM

HIGH PERFORMANCE CEMENTITIOUS MORTAR FOR MASONRY, NATURAL LIME BASED, FOR BEDDING, JOINTING AND PLASTERING

DESCRIPTION

SikaMur[®]-200 Lime MM is a premixed mortar, based on natural lime and selected fine aggregates, high quality cementitious prepacked mortar specially formulated for plastering work on concrete surfaces, brickwalls and blockwalls.

USES

SikaMur[®]-200 Lime MM is suitable for use as plaster for the restoration and consolidation of masonry curtain walls, brick, stone, concrete blocks walls. The product is also suitable for use as a mortar bedding and filling bearing walls and curtain walls.

FEATURES

- Good permeability to water vapour
- Excellent workability
- Can be applied manually or mechanically with a plastering machine
- Compatible with various types of masonry (brick, tuff, natural stone, concrete blocks)
- Suitable for bedding, rendering

PRODUCT INFORMATION

Packaging	25 kg bag	
Appearance and colour	Powder (beige)	
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. Protect from direct sunlight, rain and water.	
Density	Fresh mortar density	~1800 kg/m ³
Maximum grain size	1.2 mm	

TECHNICAL INFORMATION

Compressive strength	~7 N/mm ² (28 days)	(ASTM C109)
Tensile adhesion strength	~0.4 N/mm ² (28 days)	(EN 1015-12)
Mixing ratio	Packaging 25 kg	Water consumption per bag 3.25–4.5 L
Consumption	1.8–1.9 kg/m ² /mm	

* This may only serve as a guideline. It is highly recommended to carry-out trials on site to determine the actual coverage.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Do not add water over the recommended dosage
- Do not add cement or other substances that could affect the properties of the mortar
- Do not add water or fresh mortar to a mortar mix which has already started setting
- Avoid application in direct sun and/or strong wind
- Apply only to sound, prepared substrate
- Protect freshly applied material from freezing and from rain
- Do not add additional water during the surface finishing as this will cause discoloration and cracking

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be structurally sound, thoroughly clean and free from dust, dirt, remnants of old renderings and loose material, surface contamination such as oil or grease, cement laitance which reduce bond or prevent suction or wetting. The substrate should be prepared by suitable mechanical preparation techniques, such as high water pressure or grind blasting, mechanical or manual breakers. Non impact / vibrating cleaning methods are preferred. Gaps in the masonry and flatness defects must be restored using masonry elements consistent with the original. Repeatedly wet the surface thoroughly, starting wetting a few hours before laying SikaMur®-200 Lime MM. It can be applied at a recommended thickness of 5–15 mm per layer of application and up to a total build-up thickness of 20 mm. Ensure that each layer has hardened before applying the subsequent layer. In cases of weak masonries with cracks, voids and gaps inside, mechanical performance should be increased by grouting or low-pressure injection using products of SikaMur® Grout series.

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MIXING

SikaMur®-200 Lime MM can be mixed with a low speed (~500 r.p.m.) electrical hand drill mixer or using a force action pan mixer for large volumes. Pour the water in the correct desired proportion into a suitable mixing container. While stirring slowly, add the powder to the water and mix thoroughly at least for 3 minutes, adding additional water during the mixing time up to the maximum specified amount, until a homogeneous lump-free required consistency is reached. Mix full bags for best results.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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