



SikaMur[®] Dry

Ventilating Plaster for Reinstatement over Damp Masonry

Technical Data Sheet

DESCRIPTION

SikaMur Dry is a one component ready to use pre-bagged mortar containing specially selected limestone aggregates and air entraining additives for the rehabilitation of damp masonry. It is part of the **SikaMur** damp proofing render system.

SikaMur System:

SikaMur Dry - bonding coat.

SikaMur Dry - plaster coat.

SikaMur Finish - finishing coat.

USES

- * Internal and external re-plastering of masonry walls.
- * Ideal application on salt containing walls.
- * Complimentary refurbishment after timber treatment and DPC injection.

ADVANTAGES

- * Just add water.
- * Pre-bagged for quality.
- * High build.
- * Controlled drying out of damp masonry ie flood damage.
- * Resists soluble salt migration and efflorescence damage.
- * Can be applied to damp surfaces.
- * Simple trowel application.
- * Suitable for a wide variety of substrates.
- * Lightweight characteristics improve thermal properties and protects against interstitial condensation.

Technical Data (typical)

Mixed colour:	Grey
Mixed density:	1.50 kg/litre
Application thickness:	5.0 mm minimum 20.0 mm maximum
Plaster system:	1 x 5.0 mm minimum bond coat 1 x 5.0 mm minimum plaster coat 10.0 mm overall minimum thickness
For high salt contamination:	1 x 5.0 mm bond coat 1 x 15.0 mm plaster coat 20.0 mm overall minimum thickness
Application temperature:	+5°C min, +30°C max (Substrate and ambient)
Mix ratios:	
Bond coat:	3.6 litres of water per 25 kg bag
Plaster coat	3.0 litres of water per 25 kg bag
MECHANICAL PROPERTIES	
Air cured @ 20°C	RH 65%
Compressive strength:	24 hrs > 1.5 N/mm ² 7 days > 4.0 N/mm ² 28 days > 7.0 N/mm ²
Bond strength (tensile)	Min 1.0 N/mm ²
'Working time':	Approx 30 minutes

All above values are approximate.

SUBSTRATE PREPARATION

Completely remove all existing damaged plaster back to a sound, dense masonry base.

Ensure any perimeter saw cuts are mechanically roughened to ensure a key with **SikaMur Dry** mortar.

Removal Height: Plaster should be removed up to a height extending above the damaged line plus three times the wall thickness. Any defective joints to be made good using **SikaMur Dry** mortar mixed to a semi-dry consistency.

MIXING

Mix the **SikaMur Dry** with water until the desired workability is achieved and using a slow speed electric drill with paddle or a forced action mixer, mix until a smooth, workable consistent lump free mortar is formed. Do not mix for more than 3 minutes to prevent excess air entrainment.

APPLICATION

The prepared masonry should be thoroughly soaked with clean water until uniformly saturated leaving no standing water.

Bonding coat:

To the pre-wetted masonry wall apply a bonding coat using the prepared **SikaMur Dry** mortar using a casting technique, (a slurry brush may be used as an alternative).

Plaster coat:

When bonding coat has sufficiently set, next trowel apply **SikaMur Dry** mortar using profile battens to ensure a minimum 10 mm overall layer thickness.

Finish using a wood float or screeding bar. Deep cavities/recesses will require additional build-up layers.

CURING

Attention should be given to curing, ensuring full hydration of the mortar using, where required, damp hessian or polythene sheeting to minimise risk of cracking.

IMPORTANT CONSIDERATIONS

- * **SikaMur Dry** mortar must be finished using wood floats or screeding bar. Use of steel or plastic floats should not be used as this will close off the cellular bubbles retained in the mortar.
- * Use **SikaMur Finish** as a final coat for decorative finishes.
- * Use decorative finishes which allow vapour diffusion.
- * Only use clean potable water.
- * Protect against rain for at least 6 hours.
- * Ensure recommendations for mixing are followed.
- * Do not mix any additives.
- * Apply only to a sound substrate.
- * Protect against frost.

CLEANING

Remove **SikaMur Finish** from tools and equipment with water. Hardened material will require mechanical removal.

PACKAGING

Refer to latest price list.

CONSUMPTION

15 kg/m² for a 10 mm layer.

30 kg/m² for a 20 mm layer.

Excluding allowances for loss, wastage and surface profile.

STORAGE AND SHELF LIFE

Minimum 6 months in original unopened sealed containers stored in dry warehouse conditions (+10°C - +30°C).

Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

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