

PRODUCT DATA SHEET

SikaWall®-113 Rendering Mortar

Used for repairing surface defects on concrete panels, reinforced concrete structures, and precast concrete elements.

DESCRIPTION

SikaWall® 113 is a fine rendering mortar designed for repairing surface defects on concrete panels, reinforced or traditional rendered walls, and ceilings. It is suitable for applications with a thickness ranging from 2 mm to 10 mm.

USES

Interior and exterior walls and ceilings, with application thickness from 2 mm to 10 mm

Reinforced concrete

Precast concrete or panels

Traditional cement rendered wall

CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Bond strength ≥ 1.0
- Suitable for both interior and exterior applications
- Recommended alternative for traditional rendering mortars or plastering
- Compatible with decorative wall coverings
- Offers excellent workability and trowelability.

PRODUCT INFORMATION

Chemical Base	Cement, selected aggregates		
Packaging	25 kg per bag		
Shelf Life	12 months if properly stored in its original unopened container		
Storage Conditions	Store properly in unopened and undamaged original sealed containers protected from direct sunlight and moisture.		
Tensile Adhesion Strength	Days 28	MPa ≥ 1.0	PSI ≥ 145

(Values obtained using 21% water-to-powder ratio)

*Average laboratory values, tested under controlled conditions (25°C and 45–50% RH), are provided as a general guide. Specifications are subject to change without prior notice. The results shown represent typical outcomes based on the test procedures employed. Actual performance in the field may vary depending on the installation method and specific site conditions.

Mixing Ratio	4.5 – 5.5 liters per bag
Consumption	9 sqm per bag using 2 mm thickness; 2 sqm per bag using 10 mm thickness *Disclaimer: Consumption may be higher depending on surface irregularities. Consult Sika Technical team for further application information
Open Time	20 minutes
Curing Time	24 hours
Fresh mortar density	1.77 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.

LIMITATIONS

Apply only within the recommended working temperature range of 10°C to 35°C. Do not apply on gypsum-based substrates. In hot or windy conditions, protect the fresh surface from rapid drying by lightly misting with water. Do not immerse the product in water after application. Do not mix with other hydraulic binders or cement. Do not add sand or any form of admixtures.

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.

SUBSTRATE PREPARATION

The substrate must be rough, clean, sound, and free from dust, as well as free of any traces of oil, laitance, paint, or curing compounds. Remove any excess material, overpour, or seams by striking off and leveling the surface. Dampen the substrate before application using a sponge or cloth, ensuring the surface is moist but not saturated.

MIXING

Machine-mix or hand-mix (1) 25 kg bag of SikaWall® 113 with 4.5 – 5.5 liters of clean water until a uniform, lump-free consistency is achieved. Do not add water

once mixing is complete. Allow the mixture to rest for 1–2 minutes. Remix briefly before application.

APPLICATION

Apply the mortar using a stainless-steel trowel or rubber float. Allow the material to set slightly before finishing; finish the surface by lightly rubbing in a circular motion using: a steel trowel for a semi-smooth finish, or a rubber or wood float for a rougher texture finished. Allow a minimum curing time of 7 days (depending on application thickness and atmospheric conditions) before applying any covering material.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use.

Hardened or cured materials can be only mechanically removed.

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 Philippines Inc.
888 Cayetano Avenue,
C5 Extension, Brgy. Palongon - Tipas
Taguig City, Philippines 1630
Telephone no. +63 2 8790-9800
Fax no. +63 2 8790-9828

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