BUILDING TRUST

PRODUCT DATA SHEET

LANKO® 113 Patch MM

THIN RENDERING MORTAR FOR SMOOTH FINISHING

DESCRIPTION

LANKO® 113 Patch MM is a one component, ready-mixed powder for leveling and smoothing uneven surface of wall and ceiling.

USES

LANKO® 113 Patch MM is used as an underlay before skim coating on concrete, mortar, brick and block.
LANKO® 113 Patch MM is a cosmetic mortar designed to eliminate surface defects 3-10 mm on
- Fair-face concrete
- Precast concrete panels
- Columns and beams
- Block works

FEATURES

LANKO® 113 Patch MM provides similar finishing with normal rendering and compatible with decorative wall covering.
- Easy to use and apply, just add water
- Interior and exterior application
- Can be exposed or covered by other materials
- Smooth finished result as normal rendering with grey color
- Compatible with decorative wall covering
- Good adhesion

PRODUCT INFORMATION

Composition	Cementitous and polymer modified powder
Packaging	25 kg/bag
Appearance and colour	Grey powder
Shelf life	6 months from date of production if stored in undamaged and unopened, original sealed packaging.
Storage conditions	Store in dry condition and protected from direct sunshine
Density	1.7 - 1.8 kg/L
Maximum grain size	0.5 mm
pH-Value	~ 12

TECHNICAL INFORMATION

Tensile adhesion strength	> 0.5 MPa at 28 days

APPLICATION INFORMATION

Mixing ratio	Approx. 4.25 to 4.50 litre water per bag 25 kg

Consumption	Approx. 1.3 kg/m² per 1 mm thickness
Layer thickness	3 - 10 mm
Ambient air temperature	+5°C to +35°C
Pot Life	Approx. 45 minutes (at 25°C)
Waiting time to overcoating	~7 days
Initial set time	Approx. 3 hours (at 30°C)

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 apply on gypsum substrate.
- Protect for 24 hours in case of heavy rain or direct sun.

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

1. Surface must be clean, dry, and free of dust, oil, paint.
2. Damage concrete, seams and rock pockets exceeding 3 mm. must be treated prior to application.
3. New concrete must be dried 3-7 days depend on weather condition before application.
4. Damp the surface before application.

MIXING

1. Mix LANKO® 113 Patch MM 25 kg. bag with 4.25–4.50 litre of clean water (17-18% of mortar) until the product is evenly distributed.
2. Use mixing machine mix at low speed not over than 500 RPM.
3. Mixing time: at least 3 minutes and required consistency is obtained.
4. Leave to stand for 1-3 minutes.
5. Do not add water after mixing.

APPLICATION

1. Apply the first coat with a trowel.
2. Allow a sufficient drying time 3-4 hours so that it is not drawn off while applying 2nd coat.
3. Use a sponge to rub the surface in a circle motion for smooth finishing.
4. Allow a minimum of 7 days curing before applying a covering material.

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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