

## PRODUCT DATA SHEET

## LANKO 113 LANKOPATCH

Used for the repair of surface defects on concrete panels, reinforced concrete and precast concrete

## DESCRIPTION

Lanko 113 LankoPatch is a fine rendering mortar for the repair of surface defects on concrete panels or traditional renders of walls or ceilings with thickness of 2mm to 10mm.

## USES

- Interior and exterior walls and ceilings from 2mm to 10mm thickness
- Reinforced concrete
- Precast concrete
- Precast concrete panels
- Traditional rendering

## CHARACTERISTICS / ADVANTAGES

- Easy to use
- High bonding strength
- For interior and exterior application
- Compatible with decorative wall coverings

## PRODUCT INFORMATION

Chemical Base	Cement, selected aggregates
Packaging	25kg
Shelf Life	12 months if properly stored in its original unopened container.
Storage Conditions	Store in a cool dry place.

## TECHNICAL INFORMATION

Compressive Strength	Days	MPa	PSI
	7	10 - 15	1,450 - 2,175
	28	13 - 20	1,885 - 2,900

*(Values obtained from 21% water-to-powder ratio)*

Tensile Adhesion Strength	Days	MPa	PSI
	7	0.8 - 1.0	116 - 145
	28	1.0 - 1.2	145 - 174

*(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.

## 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.

## USES

- Working temperature range: 10°C – 35°C
- Do not apply on gypsum – based substrates.
- In hot conditions, protect the finished surface from drying out by lightly misting.
- Do not immerse the product.
- Do not mix with other hydraulic binders/cement.
- Sand and admixture must not be added.

## 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 PREPARATION

- The substrate must be rough, clean, sound, dust – free and without any traces of oil, laitance, paint or curing compound.
- Overplus and seams must be struck off.
- Dampen the substrate before application using a sponge or cloth.

### MIXING

- Machine – mix or hand – mix one 25kg bag of Lanko 113 LankoPatch with 4.5 - 5.5 liters of water until the compound is evenly distributed.
- No water should be added after mixing.
- Leave the mixture to stand for 1 - 2 minutes.
- Remix before application.

### APPLICATION

- Apply mortar with a stainless steel trowel or rubber float.
- Allow to draw prior to finishing by lightly rubbing in a circular motion with a steel trowel (semi – smooth finish) or rubber float (rough/wood float finish).
- Allow a minimum of 7 days curing (depending on the thickness and atmospheric conditions) before applying a covering material.

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

## 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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