



BUILDING TRUST



PRODUCT DATA SHEET

LANKO LOFT

INDUSTRIAL LOFT STYLE RENDERING DECORATIVE CEMENT

DESCRIPTION

LANKO LOFT is a special cementitious mortar used with a coating wax which is formulated to create industrial loft style.

USES

LANKO LOFT can be applied on concrete surfaces and render as decorative interior and exterior wall.

CHARACTERISTICS / ADVANTAGES

LANKO LOFT is easy to apply, can create industrial loft texture and pattern.

LANKO LOFT has the following advantages:

- Water repellent and shiny finish when LANKO WAX is applied
- Odorless
- Non solvent and non flammable wax

PRODUCT INFORMATION

Composition	Synthetic resins, mineral filler and admixtures
Packaging	8 kg. pail (powder 7 kg. wax 1 kg.) 20 kg. pail (powder)
Appearance / Colour	Grey and lighth grey powder
Shelf life	12 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	0.9 - 1.0 kg/L
Maximum grain size	0.3 mm
pH-Value	12

TECHNICAL INFORMATION

Tensile adhesion strength	> 0.5 MPa at 28 days
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APPLICATION INFORMATION

Mixing ratio	Approx. 8.5 to 9.0 liters water per 20 kg of powder Approx. 3.0 to 3.15 liters water per 7 kg of powder
Consumption	Approx. 10 - 15 m ² / 8 kg set Approx. 25 - 35 m ² / 20 kg powder
Layer thickness	0.5 - 2 mm

Ambient air temperature	+5°C to +35°C
Pot Life	Approx. 120 minutes (at 25°C)
Initial set time	Approx. 240 minutes (at 25°C)
Waiting time to overcoating	Approx. 2 - 4 hours

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

1. Surface must be clean, dry, free of dust, oil and paint.
2. Damp the surface before applying LANKO LOFT powder.
3. New concrete must be dried 3-7 days depend on weather condition before the application.
4. Remove seams or edge that is over required thickness.
5. Sanding by sand paper on existing surface such as paint, polish surface, etc.
6. Repair substrate before apply LANKO LOFT, should consider the damage (structural or cosmetic) and then select the suitable product. Use LANKO 731 STRUCTURE REPAIR for structural damage or LANKO 732 FAÇADE REPAIR for cosmetic damage.
7. Apply LANKO 227 FLEX SHIELD on the substrate that is subjected to be moisture.

MIXING

Mix LANKO LOFT with water until a homogenous mixture is achieved. Leave the mixture to stand for several minutes.

- Use water 3 - 3.15 L per LANKO LOFT 7 kg. powder
- Use water 8.5 - 9 L per LANKO LOFT 20 kg. powder

APPLICATION

1. Apply the first coat with stainless trowel to create pattern and close porous on substrate.
2. One or more additional coats can be applied to meet the required thickness and texture.
3. Allow a sufficient drying time between the coats for 30-45 minutes.
4. Can use sand paper no. 380 to smooth the surface.
5. Apply LANKO LOFT WAX on the surface by using plastic paddle after LANKO LOFT powder has been applied. The surface must be clean, dry (2-4 hours after applying LANKO LOFT powder, depends on weather condition) and dust free. Two coats of wax will be more water repellent and have a more shiny finish. (Wait 30 minutes between coat)

IMPORTANT CONSIDERATIONS

- Do not apply on hot substrate, decrease the temperature of substrate by damp cloth or sponge.
- Not suitable for structural crack subject to movement.
- Protect for 24 hours in case of heavy rain or very sunny.
- Avoid dust before wax application.
- Do not use on floor.

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.

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.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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