



BUILDING TRUST



PRODUCT DATA SHEET

LANKO SKIMPLAST

SKIM SMOOTHING RENDERING POWDER FOR INTERIOR & EXTERIOR WALL AND CEILING

DESCRIPTION

LANKO SKIMPLAST is a special ready-to-mixed skim coat for levelling uneven surfaces and filling small holes and small bubbles in concrete surfaces. The mix produces a smooth finish and eliminates minor surface blemishes.

USES

LANKO SKIMPLAST is suitable for wall and ceiling, interior and exterior application.

Permissible Substrates

Interior / Exterior

- Traditional rendering
- Shuttered concrete
- Reinforced concrete shell work
- Concrete soffits
- Precast concrete panels

Suitable Covering Materials

- Thick synthetic finish coats
- Mineral paint
- Wallpaper
- Fabric
- Bonded plastic coverings

CHARACTERISTICS / ADVANTAGES

- Smooth finishing and compatible with decorative wall-covering
- Eliminates minor surface blemishes
- Excellent trowel ability

PRODUCT INFORMATION

| | |
|---------------------|--|
| Composition | Hydraulic binder, mineral filler, aggregate and admixtures |
| Packaging | 20 kg/bag |
| Appearance / Colour | 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 at 1 mm thickness

APPLICATION INFORMATION

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|-----------------------------|--|
| Mixing ratio | Approx. 7.0 to 7.5 litre water per bag 20 kg |
| Consumption | Approx. 1.3 kg/m ² per 1 mm thickness |
| Layer thickness | 0.5 - 2.0 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 | ~ 3 - 7 days |

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

1. Surface must be clean, dry, and free of dust, oil, paint.
2. New concrete must be dried 3 - 7 days depend on climate condition before application.
3. Remove seams or edge that is over required thickness.
4. If there are many porous on the substrate, apply the 1st coat to fill those porous first. Then the other layers will be easier and quicker.
5. Dampen substrate prior to application.

MIXING

1. Mix LANKO SKIMPLAST 20 kg with 7.0 - 7.5 litres of water until the product is evenly distributed.
2. Mixing should be carried out as follows: In case of small quantity, use small paddle to mix at least 3 minutes. For big quantity, the machine is recommended with a speed at 500 rpm. Mixing time: at least 3 minutes and required consistency is obtained.
3. Leave to stand for 1-3 minutes.
4. Do not add water after mixing.

APPLICATION

1. Apply the first coat of mixed product with a trowel.
2. Apply a minimum of 2 coats : the first coat is used to level the substrate and the second to finish. More coats can be applied to meet the required thickness or texture.
3. If there are too many porous on the substrate, apply first coat to fill those areas first. Then the other layers will be easier and quicker.
4. Allow a sufficient drying time between the coats for 10 - 45 minutes.
5. Can use sand paper no.380 to polish the surface.
6. Allow 3 - 7 days before applying covering material.

IMPORTANT CONSIDERATIONS

- Do not apply to a wet or hot substrate.
- Do not use on gypsum-based substrate.
- In hot conditions, protect the finished surface from drying out by lightly misting.
- Dampen substrate prior to application, especially in hot temperature.
- Do not used on submerged substrates.
- Do not add any other hydraulic binders or admixtures.
- Refer to the Safety Data Sheet.

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 the 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 Safety Data Sheet (SDS) 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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PRODUCT DATA SHEET

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