



BUILDING TRUST



PRODUCT DATA SHEET

LANKO 173 SELF SKIM

THIN UNDER LAYMENT SELF-LEVELING MORTAR

DESCRIPTION

LANKO 173 SELF SKIM is an under layment self-leveling mortar for old and new interior floors.

USES

- Interior floor
- Substrates : mortar, concrete, precast
- Floor covering material: paint, carpet, tile, wood floor, vinyl, rubber

CHARACTERISTICS / ADVANTAGES

- Suitable for thickness' ranging from 3 to 8 mm
- Under layment self-leveling
- Smooth surface
- Excellent bonding
- Fast setting
- Compatible with traditional floor covering

PRODUCT INFORMATION

Packaging	25 kg / bags
Appearance / Colour	Concrete Grey prebagged powder
Shelf life	12 months from date of production if stored in undamaged and unopened, original sealed packaging.
Storage conditions	Store in cool and dry conditions, protected from direct sunlight.
Maximum grain size	0 - 2 mm.
Bulk density	1.3 - 1.4 kg/l

TECHNICAL INFORMATION

Abrasion resistance	28 days	Average ~ 8.5 g (H-22 500 g 200 rpm)
Compressive strength	3 days	≥ 10 MPa
	7 days	≥ 15 MPa
	28 days	≥ 20 MPa
Tensile strength in flexure	3 days	≥ 1 MPa
	7 days	≥ 2 MPa
	28 days	≥ 4 MPa
Tensile adhesion strength	≥ 1 MPa at 28 days	

APPLICATION INFORMATION

Mixing ratio	5.5 - 6 liters of water per 25 kg of powder.	
Consumption	Approximately 1.5 kg/ m ² for 1 mm thickness	
Ambient air temperature	+5°C to +35°C	
Pot Life	30 minutes	
Setting time	Time before covering at 3 - 7 mm. thickness	Evaluation
	Carpet, ceramic tiles	≥ 3 days
	Vinyl sheeting, rubber	≥ 3 days
	Parquet	≥ 3 days
	Floor paint	≥ 7 days
Applied product ready for use	Open to light traffic 5 - 8 hours	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

1. Substrates must be at least 28 days old.
2. Surface must be clean and without any trace of oil, laitance, curing compound, damaged concrete or paint.
3. Substrate must be properly saturated with clean water at least 2 hours before application. Remove standing water prior to starting work.

MIXING

1. Machine-mix LANKO 173 SELF SKIM 25 kg bag with 5.5-6 Litres (22-24%) of clean water. Mix for 3 minutes until the compound is evenly distributed.
2. Leave to stand for 1-3 minutes.
3. Do not add water after mixing.

APPLICATION

Primer Application

- LANKO 162 FLOW PRIME should be applied as a primer to improve adhesion and reduce air bubble.
- Apply LANKO 162 FLOW PRIME. Wait until the primer is half dry before pouring LANKO 173 SELF SKIM

Application

- Pour mixed mortar onto the prepared surface.
- Level the surface with a stainless steel float or screed board.
- Spike roller can be used to remove air bubble after floating.

Jointing

- Joints should be made to avoid large area of cracking.
- Joints should be made by using a machine saw or by laying a plastic tracking strip at a maximum length of 8 metres or align the joints with column.
- joints should be aligned with existing joint.

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

User must read the most recent corresponding Safety Data Sheets before using any products. 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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