



# LANKO

# 451 ROOF SEAL (SOVACRYL)



Waterproofing

ACRYLIC FLEXIBLE WATERPROOFING



## CHARACTERISTICS

- Elongation 400 %.
- UV resistant.
- Mould and fungus resistant.
- Bridges cracks > 2 mm.
- Solvent free.
- Easy to use.
- Color available : Grey, white, red, green and blue.

## DESCRIPTION

A ready-to-use acrylic waterproofing membrane.

## USES

- Interior/Exterior
- Area of uses: wall, balcony, rooftop and roof
- Rigid and flexible substrates : concrete, render, metal, plastic, cement sheet.



Wall



Roof



Balcony



High Flexible



Paintable



Color

## COVERAGE

- 0.8-1.2 kg./sq.m.

## PACKAGING

- 25 kg. bucket.
- 20 kg. bucket.
- 5 kg. bucket.

## STORAGE

- 1 year from date of manufacture if stored in unopened original packaging in dry condition.

## WORK INSTRUCTIONS

### Surface Preparation

1. Surface must be clean and without any trace of oil.
2. Repair damaged concrete with LANKO 731 STRUCTURE REPAIR
3. Repair cracking that still spreading or experience movement with LANKO 603 POLYURETHANE.
4. The joint between wall and floor should be filled or protect by making a cornice.
5. Ensure that the substrate (tile, metal, cement sheet) is installed according to manufacturer standard before applying LANKO 451 ROOF SEAL (SOVACRYL).



## 6. For metal surface (nail, screw)

- Protect the metal surface with rust prevention agent before applying LANKO 451 ROOF SEAL (SOVACRYL).
- Clear the rust from metal surface then protect with rust prevention agent before applying LANKO 451 ROOF SEAL (SOVACRYL)

## 7. Wall and Floor

- New rendered surface must be at least 7 days.
- New concrete surface must be at least 28 days.
- Existing concrete surface must be clean without mould or algae. Then wait for the surface to dry at least 24 hours.

## Product Preparation

1. Stir the product in bucket before applying. Can be applied directly from the bucket with brush or roller.

## Application

1. Apply 1<sup>st</sup> coat with brush or roller at a rate of 0.7 kg. / sq.m.
2. Allow a sufficient drying time so that it is not drawn off while applying the 2nd coat, crosswise, at a rate of 0.7 kg. / sq.m.

## Covering Material

1. Apply the 1<sup>st</sup> coat of LANKO 451 ROOF SEAL (SOVACRYL) at the rate of 0.7 kg. / sq.m
2. Roll out the LANKO FIBER MESH and press into the wet LANKO 451 ROOF SEAL (SOVACRYL)
3. Allow it to dry for at least 2-4 hours before applying 2<sup>nd</sup> coat.
4. Allow it to dry for at least 2-4 hours before applying 3<sup>rd</sup> coat. Wait for curing at least 24 hours.

Note : For lightweight block, apply a priming coat by diluting LANKO 451 ROOF SEAL (SOVACRYL) with 5% of water by using a roller or brush. Leave it to dry at least 2-4 hours.

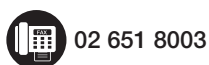
## PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Not recommended for use in the area of water immersion.

## SPECIFICATIONS

Appearance	: Paste
Paste density (kg./L.)	: 1.3-1.4
Crack bridging (mm.)	: > 2
Elongation (%)	: 380
Shore hardness	: 35-45

Adhesion to concrete ASTM D4515 (MPa)	Evaluation
28 days	> 1.5
Fire resistance	Evaluation
AS 1530 part 3 a	Pass



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