



LANKO



Waterproofing

453 POLYURETHANE

POLYURETHANE FLEXIBLE WATERPROOFING



CHARACTERISTICS

- Elongation 380 %.
- Abrasion resistant.
- Weather and UV resistant.
- Mould resistant.
- Crack bridging > 2 mm.
- Easy to use.
- Grey, white or green.

DESCRIPTION

A ready-to-use polyurethane waterproofing membrane.

USES

- Main use : roof deck
- Interior/Exterior.
- Wall.
- Substrates : concrete, render, lightweight block.



Wall



Roof



Balcony



Paintable



Color

COVERAGE

- 0.7 kg./sq.m./1 coat

PACKAGING

- 25 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 453 POLYURETHANE.

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



6. For metal surface (nail, screw)

- Protect the metal surface with rust prevention agent before applying LANKO 453 POLYURETHANE.
- Clear the rust from metal surface then protect with rust prevention agent before applying LANKO 453 POLYURETHANE.

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.

Adhesion to concrete ASTM D4515 (Mpa)	Evaluation
28 days	> 1.5

Product Preparation

1. Apply directly from the bucket by stir the product.

Application

1. Apply 1st coat with brush or roller at a rate of 0.7 kg. / sq.m.
2. Allow 1-2 hours of drying time so that it is not drawn off while applying the 2nd coat.
3. Apply 2nd coat, crosswise, at a rate of 0.7 kg. /sq.m.
4. It may require 3rd coat to achieve final thickness.
5. Adhesion and crack prevention can be improved by Lanko Glass Fiber Mesh, after 1st coat.

PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Do not apply in full sunlight.

SPECIFICATIONS

Appearance	: Past
Crack bridging (mm.)	: 4
QUV resistance (1,000 and 2,000 cycles)	: Low deterioration
Elongation (%)	: > 350
Shore hardness	: 80-90



094 551 5458



02 651 8003



parexgroup.co.th



e-learning VDO

ParexGroup Company Limited. 183 Regent House Building, Rajdamri Road., Lumpini, Bangkok 10330

*The information provided in this document results from our knowledge of the products and our experience. On-site results may vary, in particular according to the product application methods adopted. Where application methods not representative test before using the products. The above-mentioned information in no way constitutes a warranty relative to the use of the products. Our general terms and conditions of sale shall prevail, in any event, on the information provided in this document. Prior to application, customers and users are requested to check that they have the latest version of this document.

