



# LANKO

# 222 CONCENTRATE



## Waterproofing

## RIGID CEMENTITIOUS WATERPROOFING



### CHARACTERISTICS

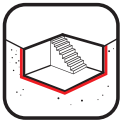
- Excellent bonding on concrete surface after immersion.
- Single component.

### DESCRIPTION

A single component cementitious waterproofing mortar to protect and waterproof concrete structure.

### USES

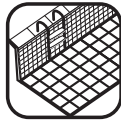
- Interior or exterior waterproofing of underground masonry and concrete substrates:
  - House basements
  - Cellar walls
  - Foundations
  - Water tank and basin
  - Underground car park, lift shafts, garage pits, man hole
- Substrates: concrete, mortar (Please contact ParexGroup Thailand for other specific substrates).



Floor Basement Wall



Immersed Area



Swimming Pool



Water Tank



Potable Water

### CONSUMPTION

- 3 kg/m<sup>2</sup> for 2 coats

### PACKAGING

- 5 kg bucket
- 25 kg bag

### STORAGE

- 12 months from date of manufacture if stored in unopened original packing in dry conditions and under shading.

### WARRANTY

- Manufacturer's liability.

### SPECIFICATIONS

Ingredients	: Hydraulic cement, mineral filler and admixtures
Appearance	: grey powder
Density	: 1.5 - 1.6 kg/L
Particle size	: 0.04 - 0.3 mm
Pot life at 25 °C	: 40 min

### PERFORMANCE CHARACTERISTICS\*

Waterproofing (water pressure)	Evaluation
Positive	No water penetration
Negative	No water penetration
Adhesion to concrete (MPa)	Evaluation
28 days	> 0.75

\* Average laboratory values provided as a general guide.



## WORK INSTRUCTIONS

### Substrate Preparation

1. Concrete surface must be clean and without any trace of oil.
2. Fill honeycomb, joint and bubbles.
3. For damage area, should repair before apply (contact us for details of product which may be recommended for specific work).
4. Very smooth surface should be roughened.
5. Damp the surface before application.

### Product Preparation

1. Mix 25 kg of LANKO 222 CONCENTRATE with 6.5 - 7 litres of clean water (26% - 28% by weight) with electric drill until the product is evenly distributed and homogenous paste.

### Application

1. Apply a minimum of two cross coats with a medium brush or smoothing trowel.
2. Minimum drying time between coats: 8 - 24 hours.
3. Re-dampen the 1<sup>st</sup> coat prior to application of the 2<sup>nd</sup> coat.

## PRECAUTIONS

- Temperature range for use: +10°C to +35°C.
- Do not apply in full sunlight or on a hot substrate.
- Active cracks require specific pre-treatment.
- Minimum mortar thickness after drying: 1.5 mm.
- Clean tools with water immediately after use.
- Refer to the Safety Data Sheet.

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