



LANKO

222 CONCENTRATE



Waterproofing

THIN COAT CEMENTITIOUS WATERPROOFING



CHARACTERISTICS

- Excellent bonding on concrete surface after immersion.
- Approved for contact with potable water.
- Single component.

DESCRIPTION

A ready mixed cementitious mortar to protect and waterproof concrete structure.

USES

- Main use : underground retaining wall.
- Interior / exterior.
- Water tank, water basin.
- Substrates : concrete, mortar.

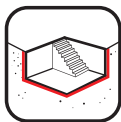
WORK INSTRUCTIONS

Surface Preparation

1. Concrete surface must be clean and without any trace of oil.
2. Render honeycomb and bubbles.
3. Fill cracks and joints.
4. Very smooth surface should be roughened.
5. Damp the surface before application.

Product Preparation - Wet Method

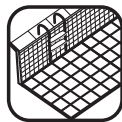
1. Mix with power drill one 25 kg. bag with 6-7 litres of clean water (24-28% of mortar weight) until the product is evenly distributed.
 2. Leave to stand for several minutes.
- Note : On smooth surface mix one 25 kg. bag with 5 litres of clean water and 1.5 litre of Lanko 751 LATEX.



Floor Basement Wall



Immersed Area



Swimming Pool



Water Tank



Potable Water

PACKAGING

- 25 kg. bag.
- 5 kg. bucket.

STORAGE

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



Application

1. Apply 1st coat with brush or trowel at a rate of 1-1.5 kg./sq.m.
2. Allow a sufficient drying time so that it is not drawn off while applying the 2nd coat.
3. Dampen the 1st coat.
4. Apply 2nd coat, crosswise, at a rate of 1-1.5 kg./sq.m.

PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Do not add water after mixed.
- Protect for 24 hours in case of heavy rain or direct sun.

SPECIFICATIONS

Appearance	: Grey powder
Particle size (mm.)	: 0.04-0.5
Bulk density	: 1.5-1.6
Pot life (min.)	: 30 min.

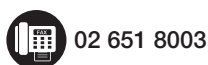
Waterproofing (Water pressure)	Evaluation
Positive	No water penetration
Negative	No water penetration

Adhesion to concrete ASTM D4515 (Mpa)	Evaluation
28 days	> 0.75

Bond strength by slant shear ASTM C882 (Mpa)	Evaluation
7 days	> 5
28 days	> 6

Compressive strength ASTM C109 (Mpa)	Evaluation
7 days	> 22
28 days	> 24

Tensile strength ASTM C190 (Mpa)	Evaluation
7 days	> 1.2
28 days	> 2



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