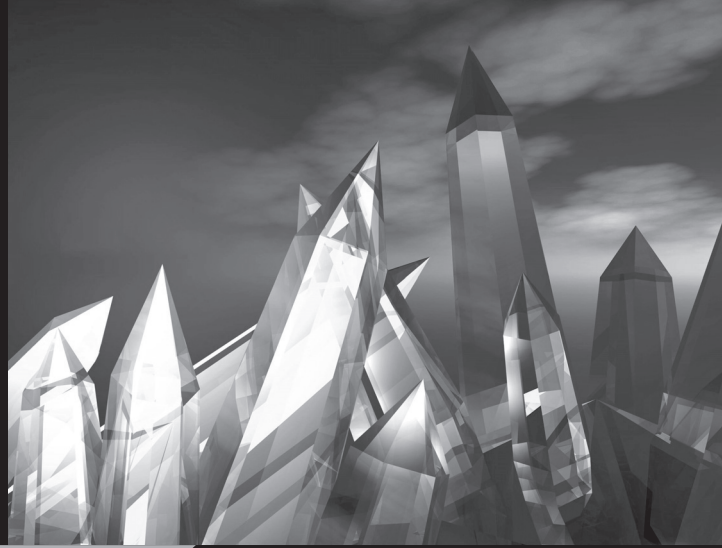


LANKO



CONCENTRATE

THIN-COAT WATERPROOFING MORTAR DIRECT APPLICATION ON MASONRY

CHARACTERISTICS

- Direct application on masonry.
- Interior / exterior use.
- Available in grey.
- Excellent bonding on concrete after immersion
- Non-toxic.

DESCRIPTION

LANKO 222 K11 CONCENTRATE is a ready-to-mix hydraulic water-repellent micro-mortar for the protection of masonry and concrete structures.

USES

Interior or exterior waterproofing of raised or sunken masonry and concrete substrates.

- Basements.
- Cellar walls.
- Foundations.
- Underground car parks.
- Water basins and tanks.
- Reservoirs.
- Silos.

All structures must be compliant with regulations in force.

SPECIFICATIONS

- Appearance : Grey powder
- Particle size : 0-0.5 mm
- Bulk density : 1.3 ± 0.10
- Pot life at 20°C : 30 minutes
- Recoat time : 2 - 4 hours
- Colours : Grey

Bond strength by slant shear test : ASTM C882*

7 days	5 MPa
28 days	6 MPa

Compressive strength : ASTM C109*

7 days	22 MPa
28 days	24 MPa

Tensile strength : ASTM C190*

7 days	1.2 MPa
28 days	2.0 MPa

*Average laboratory values provided as a general guide.

WORK INSTRUCTIONS

Surface preparation

- The substrate must be clean, sound, dust-free and without any traces of oil. All loose parts must be raked out.
- Render honeycomb and bubbles, fill cracks and hollow joints.
- Where repairs are required LANKO 731 LANKOREP STRUCTURE should be used.
- Make a chamfer at floor/wall/ceiling re-entrant angles.
- The substrate must be damp, but not running with water, during application.

Product preparation

- Mix one 25 kg bag of LANKO 222 K11 CONCENTRATE with 6-7 litres of clean water (i.e. 24-28% water content) until evenly distributed.
- On shuttered concrete or smooth substrates, add 1.5 litres of LANKO 751 LANKOLATEX and 5 litres of water to each 25 kg dose of LANKO 222 K11 CONCENTRATE
- Leave the mixture to stand for several minutes prior to application.

Application

- Apply the 1st coat with a medium brush or trowel at the rate of 1-1.5 kg/m².
- Allow a drying time of 2 to 4 hours.
- Dampen the 1st coat prior to application of the 2nd coat.
- Apply the 2nd coat crosswise at the rate of 1-1.5 kg/m².



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CONCENTRATE

PRECAUTIONS

- Temperature range for use : 5°C - 35°C.
- Clean tools with water before the product dries.
- Do not apply in full sunlight or on hot substrate.
- Where possible, carry out external application in shady, cool conditions.
- Take all necessary precautions to prevent overfast drying.
- Do not apply on active cracks.
- The substrate must be dampened prior to application.
- Minimum 2 coats (minimum total thickness on drying : 2 mm).
- Do not use acid products for the maintenance of engineering structures. Take special care not to damage the mortar coating when cleaning with high-pressure water.
- Water tanks must be rinsed thoroughly prior to filling.

COVERAGE

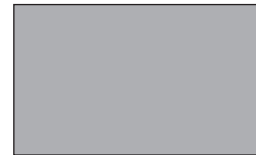
- 1-1.5 kg/m²
- 2-3 kg/m²

PACKAGING

- 5 kg container, grey.
- 25 kg bag, grey.

STORAGE

1 year from date of manufacture if stored in unopened original packing in dry, frost-free conditions.



Grey

Shading of the colour samples may be somewhat different from the actual colours.



Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect useage. Specifications are subjected to changes without prior notice.

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