

LANKO

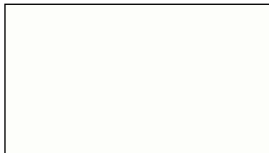


CHARACTERISTICS

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



Grey



White

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

DESCRIPTION

222 LANKOFUGEANT 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 or white powder
- Particle size : 0-0.5 mm
- Bulk density : 1.3 ± 0.10
- Pot life at 20°C : 30 minutes
- Recoat time : 8-24 hours
- Colours : Grey or white

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 731 REPAIR MORTAR 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 222 LANKOFUGEANT 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 751 LANKOLATEX and 5 litres of water to each 25 kg dose of 222 LANKOFUGEANT.
- 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 8 to 24 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.



COVERAGE

2-3 kg/m² per 2 coats.

PACKAGING

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

STORAGE

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

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.