



LANKO

202 MATRYX



Waterproofing

CEMENTITIOUS WATERPROOFING BY CRYSTALLISATION



CHARACTERISTICS

- Resistant to positive and negative water pressure.
- Pressure resistance and counter pressure resistance.
- Strong resistance to impact and abrasion.
- Single component.

DESCRIPTION

A ready mixed cementitious mortar to protect and waterproof structure crystallisation process.

USES

- Main use : underground floor before pouring fresh concrete.
- Interior/Exterior.
- Underground car park, basement, tunnel.
- 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 7.25 to 7.75 litres. of clean water until the product is evenly distributed.
2. Leave to stand for several minutes.



Crystallization



Interior Basement Wall



Floor Basement Wall



Exterior Basement Wall



Interior Tunnel



Exterior Tunnel

PACKAGING

25 kg. bag.

STORAGE

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

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification



Application Wet method

1. Apply 1st coat by brush, float or pump at a rate of 1 kg./sq.m.
2. Allow a sufficient drying time so that it is not drawn off while applying the 2nd coat. Apply 2nd coat, crosswise at a rate of 1 kg./sq.m.

Adhesion to concrete ASTM D4515 (MPa)	Evaluation
28 days	>1

Compressive strength (MPa)	Evaluation
1 day	>25
7 days	>45

Application Dry shake method (negative waterproofing)

1. Dry shake the powder at the rate of 3-3.5 kg./sq.m. after allowing fresh concrete to achieve initial set.
2. Trowel the surface for smooth finish.

Application Dry shake method (positive waterproofing)

1. Dry shake the powder at the rate of 2 kg./sq.m. onto the lean substrate before pouring the fresh concrete.

Curing

1. Dry shake the powder at the rate of 2 kg./sq.m. onto the lean substrate before pouring the fresh concrete.
2. Dry shake the powder at the rate of 2 kg./sq.m. onto the lean substrate before pouring the fresh concrete.
3. Dry shake the powder at the rate of 2 kg./sq.m. onto the lean substrate before pouring the fresh concrete.

PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- 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 (Kg./L.)	: 0.9-1.1



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