



LANKO

224 RAPID PLUG



Waterproofing

INSTANT-SETTING CEMENTITIOUS WATERPROOFING



CHARACTERISTICS

- Fast setting in 30 - 60 sec.
- Resistance to high pressure.
- Single component.

DESCRIPTION

A fast-setting mortar for long term protection against water leakage.

USES

- Can apply while water flowing.
- Water tank.
- Swimming pool.
- Underground structure e.g. underground car park, lift shafts, garage pits, manhole.
- Floor and wall joint.
- Substrates : concrete, mortar.



Fast Setting

CONSUMPTION

- 1.7 kg of powder for a final volume of 1 litre

PACKAGING

- 1 kg bucket
- 5 kg bucket
- 25 kg bucket

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 - 1.2 kg/L
Particle size	: 0.04 - 0.3 mm

PERFORMANCE CHARACTERISTICS

Mechanical strength (MPa)*

- Bonding to concrete at 28 days > 0.25
- Compressive strength

Period	10 min	1 h	1 day	7 days
Compressive	> 3	> 4	> 8	> 10

* Average laboratory values provided as a general guide.



WORK INSTRUCTIONS

Substrate Preparation

1. Cut concrete or rock in “V” shape around the leaking point.
2. The substrate must be clean. Remove all chippings, unsound, loose particles.
3. For preventive care and bedding & sealing, soak the substrate with clean water prior to application.

Product Preparation

1. Mix small quantity of powder with clean water in order to obtain a putty like consistency.

Application

1. Apply the product by hand with gloves and press firmly into the V-shape cut, starting outside and work towards the center of the leak (plug minor leak first).
2. Hold the product in place, and then strike off flush with surface.
3. High-flow waterways should be sealed in several stages
4. After application, keep the product surface damped for 15 min approx.

Specific Application

1. Sealing wall-floor joints: where the leak appears, make a regular incision at least 2 cm wide and deep.
2. High pressure leaks: make the hole as regular as possible. Begin applying the product on the area that are subject to the lowest pressure and work in stages towards the high pressure area.

PRECAUTIONS

- Temperature range for use: +10°C to +35°C.
- After application keep the product surface damp for 15 min.
- Personal protective equipment must be worn.
- Do not add any hydraulic binder or admixture.
- Refer to the Safety Data Sheet.

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