



LANKO

228 SUPERFLEX



Waterproofing

SUPER FLEXIBLE CEMENTITIOUS WATERPROOFING



CHARACTERISTICS

- Super Flexible.
- Pressure resistance and counter pressure resistance.
- Sea and sulphated water resistant.
- UV resistant.
- Resistance to micro-cracking up to 2 mm.
- Prevent efflorescence.
- Dual component.
- Grey color

DESCRIPTION

A dual-component cementitious flexible mortar to protect and waterproof.

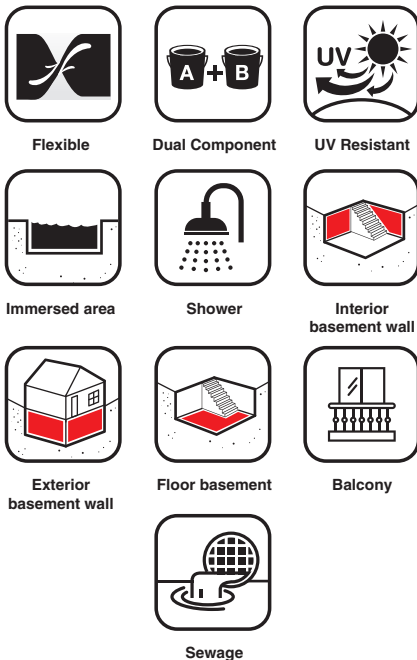
USES

- Main use: underground retaining wall, basement.
- Interior/Exterior.
- Waterproofing prior to tiling.
- Water treatment station.
- Industrial waste.
- Substrates : concrete, mortar.

WORK INSTRUCTIONS

Surface Preparation

1. Surface must be clean and without any trace of oil.
2. Repair cracking and damaged concrete with LANKO 731 STRUCTURE REPAIR.
3. The joint between wall and floor should be filled or protect with cornice.
4. Damp the surface before application.



PACKAGING

- 33 kg. set.
 - 23 kg. powder bag.
 - 10 kg. liquid container.

STORAGE

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



Product Preparation

1. Mix the 2 components with 500 rpm. power drill until the product is evenly distributed.
2. Pour 3/4 of BONDING AGENT (Part B) in mixing bucket.
3. Add the powder (Part A) into the bucket then start mixing with a power drill.
4. Add the rest of BONDING AGENT (Part B) and continue mixing for 3 minutes until both components are evenly distributed.

Application

1. Apply 1st coat of LANKO 228 by brush or trowel at a rate of 1.5-2 kg. / sq.m.
2. In the of covering with mortar or tile adhesive, apply LANKO 228 by brush to create a rough surface.
3. Wait for 2 – 4 hours before apply 2nd coat without damping the surface.
4. Apply 2nd coat crosswise with 1st coat. at a rate of 1.5 – 2 kg. / s.q.m.
5. Reinforce the joint with LANKO Glass Fiber Mesh for the area in the corner or where reinforcement is needed.

Covering Material

1. LANKO 228 SUPER FLEX can be left exposed without covering material on the area that have no direct contact with the product Ex. Inside of water treatment tank. For other area such as bathroom, balcony and walkway, should be covered by covering material Ex. Tile adhesive or mortar to protect the surface of LANKO 228 SUPER FLEX from damaging.
2. LANKO 228 SUPER FLEX can be applied on swimming pool by covering with Davco Ultraflex Tile Adhesive or Davco Pool tile adhesion after applying LANKO 228 SUPER FLEX.
3. Wait 3 - 7 days after applying LANKO 228 SUPER FLEX before filling basic or water tank.

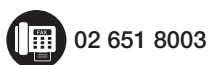
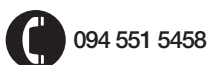
PRECAUTIONS

- Temperature range for use : 5°C to 35°C.
- Water tank must be rinsed prior to filling.
- Do not apply in full sunlight.
- Protect for 24 hours in case of heavy rain or direct sun.

SPECIFICATIONS

| | |
|-------------------------------|---------------------------------------|
| Appearance | : Grey powder and white liquid |
| Particle size (mm.) | : 0.04-0.3 |
| Paste density (kg./L.) | : 1.5-1.6 |
| Crack bridging (mm.) | : N/A |

| Waterproofing (Water pressure) | Evaluation |
|---|-----------------------------|
| Positive | No water penetration / Pass |
| Negative | No water penetration / Pass |
| Adhesion to concrete ASTM D4515 (MPa) | Evaluation |
| 28 days | > 1 |
| Tensile Adhesion Strength MPa (EN14891) | Evaluation |
| initial tensile strength at 28 days | > 0.5 |
| after contact with water | > 0.5 |
| after heat aging | > 0.5 |
| after contact with lime water | > 0.5 |
| after contact with chlorinated water | > 0.5 |



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