



# CON PROOF 407 ELASTIC

Two-component, High Flexible Protective and Waterproofing Slurry.



## DESCRIPTION:

CON PROOF 407 ELASTIC is A cement base, 2 components, polymer modified high elastic waterproofing slurry. It is applied to concrete and mortar structures to prevent water infiltration. It is Elastic complies with the requirements of EN 1504-2 as protective coating.

## TYPICAL USES:

CON PROOF 407 ELASTIC is particularly recommended for:

- Swimming pools, water tanks, fountains.
- Bathrooms and kitchens.
- Balconies and terraces.
- Waterproofing basement and retaining walls.

## ADVANTAGES:

- Easy application by brush, roller or trowel.
- High performance adhesive and bond strength.
- Highly flexible with good crack-bridging properties.
- Suitable for hot climate.
- Vapour-permeable; can be applied on damp substrates.
- Compatible with ceramic, mosaic and natural stone coverings.
- Reduces carbon dioxide penetration.
- Non-toxic, suitable for drinking water tanks.

## TECHNICAL SPECIFICATIONS:

|   |                                |
|---|--------------------------------|
| Density of Mix:                           | 1.76 ton/m <sup>3</sup>        |
| Appearance Component, Color A:            | Powder, Gray                   |
| Appearance Component B:                   | Liquid, White                  |
| Density Component A:                      | 1.07 ton/m <sup>3</sup>        |
| Mixing Ration:                            | 10 kg liquid with 20 kg powder |
| Ambient Air Temperature:                  | 5° C to 36° C                  |
| Substrate Temperature:                    | 5° C to 36° C                  |
| Crack bridging:                           | 0.80 mm (EN 14891)             |
| Adhesion to concrete (28 days):           | 0.8 Mpa (EN1542)               |
| Impermeability to water (1.5bar - 7days): | No penetration                 |

## APPLICATION PROCEDURE:

### General:

Pot life is 60 minutes at 25° C Waiting time between coats is 4 hours at 25° C.

### Surface preparation:

The surface of substrates should be sound, and free from laitance, paint, oil, grease, shuttering oil, backward curing compound, and any other loose particles. Crack in the substrate, more than 0.65mm wide, must be repaired before applying CON PROOF 407 ELASTIC

### Mixing:

- Pour approximately half of part A after shaking into the mixing container and add part B slowly while mixing.
- Then add the remainder of part A and continue mixing until a uniform lump free consistency is achieved.
- The surface must be pre-wetted to a saturated surface dry condition before application.

As a slurry:

- Apply the mixed by spray or hard brush.
- Applied in the same direction.
- As soon as first coat has hardened, apply the 2nd coat by brush in crosswise direction.

As a mortar:

- When Nano Proof 307 Elastic is applied by trowel, you must use 8kg only of part B (1A:2.5B).
- Apply the 2nd layer of CON PROOF ELASTIC as soon as the first coat has hardened.
- For pore filling, tightly trowel into the pores of the surface to ensure filling the holes.

## PACKAGING & STORAGE:

- **Packing** : Component A: 10KG liquid (pail)  
Component B: 20kg Power (Bag).
- **Storage** : Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in an air-conditioned environment.
- **Shelf life** : Shelf life is up to 12 months when stored as per recommendations.

## Coverage:

Dependent on the substrate roughness, surface profile and thickness of the layer applied. As a guide:

- For wet areas such as bathroom and kitchen 1.0kg/m<sup>2</sup> per coat X 2 coats
- For substrate waterproofing 1.5kg/m<sup>2</sup> per coat X 2 coats X 2 coats
- For high hydrostatic pressure water tank 1.5kg/m<sup>2</sup> per coats X 2 coats

## HEALTH & SAFETY:

The information, and the recommendations relating to the application and end-use of CON products, are given in good faith based on our current knowledge and experience of the products when properly stored, handled, and applied under normal conditions by the given recommendation. We reserve the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies, which will be supplied on request.

Caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally allowed, do not induce vomiting, but call for medical assistance directly.

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