

## Waterproofing additive against moisture

# REPÉLLER®

### PRODUCT

REPÉLLER® is a waterproofing additive for concrete and mortar that works by waterproofing capillaries. It is a waterproofing agent that reacts with the cement and blocks the capillary structure, creating a barrier against humidity in areas below ground level, not subject to fissures or cracks.

### SEGMENTS OF USE

- Walls and floors in contact with water, in-ground pools
- Basements, wells, external coatings
- Foundation bricklaying, concrete, retaining walls, external plastering, foundations, and buried water boxes.

### ADVANTAGES

- Clean, fast and easy application;
- Permanent waterproofing;
- Does not peel;
- Does not cause efflorescence;
- Better workability;
- Allows structure respiration;
- Does not alter curing time of mortar or concrete;
- Long-lasting efficiency and permanence.

### APPLICATION

To obtain the best results, it's recommend to add REPÉLLER® in water mixing well not leaving lumps. REPÉLLER® should be applied in three layers, being:

**1 layer:** mortar with 1 cm thickness;

**2 and 3 layer:** should not exceed 4 hours between one mortar preparation and another. Use new Portland cement and make a mixture with low level of water/cement – ratio 0.35 to 0.40.

**Warning:** You must decrease of the trace water and make up for the dose REPÉLLER®

Use REPÉLLER® in batches 1:2 – 1:3 to 1:4 cement/sand.

### YIELD

**Waterproof mortar:** 2 Kg REPÉLLER® to 50 kg of cement, considering minimum consumption of 350 kg/m<sup>3</sup> cement.

**Waterproof concrete:** 0.6 Kg REPÉLLER® to 50 kg of cement.

For surfaces with moisture it is recommended to use roughcast for which the batch is 1:2 or 1:3 cement/sand and spread using RR ADEFIX® as waterproofing additive.

**Note:** High doses can lower the mechanical resistance.

### CHARACTERISTICS

|                        |                              |
|------------------------|------------------------------|
| Aspect                 | Liquid                       |
| Chemical base          | Metallic salts and silicates |
| Aspects                | Viscous                      |
| Color                  | Light yellow                 |
| Density at 25°C (77°F) | 1.0 to 1.05 g/mL             |
| Brookfield Viscosity   | 100 to 500 cPs               |
| pH                     | 10.0 to 12.0                 |

### PACKAGE

Bottle of 1 Kg, bucket of 3.6 Kg, barrel of 18 Kg, and drum of 200 Kg.

### CLEANLINESS AND SAFETY

Use protective glasses and PVC gloves. Direct contact with the skin should be avoided (it may cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor. Keep out of reach of children and animals.

### STORAGE

REPÉLLER® should be stored in a dry and ventilated place in unopened package.

### VALIDITY

12 months