

## IONIZED CONCRETE Adhesive | **CA-12**

Romolo concrete waterproofing adhesive is a single-component water-soluble product, off-white in color, based on modified resin. It is formulated using ionization technology and is used as a bonding agent for cementitious mortars. This ready-to-use product can be added to concrete or mortar, enhancing its resistance to water penetration and improving abrasion resistance. Additionally, when mixed with cement, it forms a stable bonding layer against water.



### Physical And Chemical Specs

Special Weight	1.2 g/cm <sup>3</sup>
Color	White
Physical Form	Liquid
PH	7-8
Average Particle Size	30 Micron
Density	1.2-0.1 gr/cm <sup>3</sup>
Viscosity	140 Ku
Drying Time	-
Mix Percentage With Water	30 %
Impermeability	90 %
Application Temp	5-40 C
Glossiness	-

**Packaging** 1 3.5 8 LIT

### Applications:

- Preparation of waterproof concrete surfaces in parking lots and all concrete surfaces for priming epoxy, acrylic, and polyurethane coatings
- Preparation of waterproof concrete surfaces in walls and floors of factories and warehouses
- Repair of damaged concrete, floor repairs, slabs, and precast concrete components
- Used as an adhesive in cementitious powder adhesives, for smoothing exposed concrete surfaces
- Preparation of grouts and plasters, waterproofing of water treatment plants, sewers, and swimming pools
- Strengthening various powdered adhesives, ceramics, bonding powders, and stone mortars
- Waterproofing of piles, elevator shafts, inspection rooms, liquid and water tanks, and swimming pools
- Suitable for preparing adhesive mortars with sand and cement for installing various tiles, ceramics, and stones.

### Specifications :

- Antifungal, antibacterial properties High resistance to CO and UV radiation Long-term protection against rusting Long-term
- Protection against heat and uniform expansion with concrete
- Early hardening, improved flexibility, and significant reduction in shrinkage Reduced water-to-cement ratio, increased and sustained resistance to water penetration
- Adhesion to concrete, steel, brick, glass, asphalt, wood, and polystyrene. Suitable stability against freezing, salt ingress, abrasion, and chemical substances
- Non-toxic, suitable for use in drinking water tanks and swimming pools

**How to use:** **For concrete repair:** Clean the desired surfaces from any contamination and mix Casematic powder with 50% concrete adhesive waterproofing and water. Apply the mixture to the desired surface in multiple coats until it becomes smooth. This product can be used for smoothing cement surfaces, building facades, and swimming pool areas. The typical consumption per square meter is approximately 700 grams for a 1 cm thickness and 200 grams for a 3 mm thickness.

**For waterproofing:** For every cubic meter of concrete or mortar, mix Romolo concrete adhesive waterproofing with water in a ratio of 3 to 1 and then add it to the concrete or mortar. The typical consumption for waterproofing is around 9-5% of the weight of the cement used.

**For enhancing powdered adhesives and thinning powders:** Add half a liter of Romolo concrete adhesive waterproofing to one liter of water and mix them together. Then add the resulting solution to the desired powder and the mortar will be ready for use.

### Packaging

**Romolo Ionized Concrete Adhesive** is offered in **1, 3.5 and 8 Litre** packages for your ease of use and preference.

### Storage

The recommended temperature range for storing the tile adhesive is between **10-30°C**. The product has a shelf life of 12 months when kept in its original, unopened packaging. It is important to store it away from direct sunlight, extreme cold, heat, and frost to maintain its quality and effectiveness.

### Safety

To ensure safety, it is advised to avoid direct contact with the eyes and skin. It is recommended to wear gloves and protective glasses when handling the product. In the event of accidental contact with the eyes, it is crucial to immediately rinse them with lukewarm water for a minimum of 15 minutes.

**!** The suitable working temperature is between 5 to 40 degrees Celsius, the drying time varies between 12 to 72 hours depending on the weather conditions.



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### CERTIFICATES

ISO 9001 : 2015  
ISO 45001 : 2018  
ISO 10002 : 2018  
ISO 10668 : 2010  
ISO 10004 : 2018  
ISO 14001 : 2015  
CE CERTIFICATE  
IMS CERTIFICATE  
HSE - MS CERTIFICATE



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