

# Concrete Insulation Adhesive CA12



## Hydrophobic Concrete

- 1 L
- 3.5 L
- 8 L

- ✓ Strengthening
- ✓ Waterproof Mortar
- ✓ Increasing Flexibility

### Introduction:

**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.

### Specification

Special Weight	1.2 gr/cm <sup>3</sup>
Color	White
Physical Form	Thick Liquid
PH	7-8
Average Particle Size	30 micron
Application Temp	5-40° C
Density	1.2 gr/cm <sup>3</sup>
Viscosity	140 ku
Drying Time	Variable
Mixing With Water Percentage	30%
Impermeability	90%

### Specifications:

- 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.

### Applications:

- 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

**ROMOLO**

www.romolo.ir | romolo.official



# Concrete Insulation Adhesive

## CA12

### Storage

The recommended temperature range for storing the product 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 Cautions

Avoid direct contact with eyes and skin. Use gloves, glasses and appropriate clothing during application. In case of possible contact with eyes, wash immediately with lukewarm water for 15 minutes.

### Packages

Romolo concrete waterproofing adhesive is offered in 1, 3.5 and 8 Litre packages for your ease of use and preference.

### Attention

The suitable temperature for usage is 5 to 40 degrees Celsius. The drying time of the product varies from 12 to 72 hours depending on the weather conditions.

### 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.

### Where to buy our products?

To buy this product, please visit: [romolo.ir](http://romolo.ir) or our instagram page: [romolo.official](https://www.instagram.com/romolo.official). you can also visit Romolo showroom located in: Ava-General complex building, Shad-Abad, Tehran, Iran.