

# Power Seal Elastic

Highly elastic polymer-modified cement paint for waterproofing and protecting concrete surfaces and

## Description: -

Highly elastic polymer cement paint with very high efficiency in waterproofing and protecting concrete surfaces and structures, preventing water leakage and seepage. The product is based on modified acrylic polymer and treated cement powder in the form of two compounds.

## Usage: -

- Used for waterproofing and protecting surfaces, structures, and concrete installations, preventing water leakage and seepage.
- Used in waterproofing cement water tanks, bathrooms, kitchens, basements, and swimming pools.
- Used for protecting and waterproofing facilities exposed to sewage, such as septic tanks and sedimentation tanks.
- Used in safeguarding reinforced concrete structures from damages caused by environmental factors like carbon dioxide and oxygen.
- Used for waterproofing and protecting bridges, overpasses, and concrete surfaces exposed to seawater.

- Used in waterproofing and protecting basements, balconies, and terraces from water and chlorides.

### Advantages: -

- Highly elastic for treating hairline cracks on concrete and cement surfaces.
- High adhesive strength on surfaces even after prolonged water immersion.
- Notable for its high resistance to long-term weather effects.
- Highly resistant to freezing, salts, chlorides, and sulfates.
- High durability in all climatic conditions, including exposure to ultraviolet rays.
- Distinguished by flexibility and matches the concrete's expansion coefficient, addressing surface defects.
- Environmentally friendly and non-toxic, enhancing concrete resistance to chemicals.
- Applicable using a roller or spray gun.
- Excellent consistency and easy application.
- Highly resistant to abrasion and friction.

### Characteristics: At 25°

color	White – Gray ( customized )
Operating period	45 : 60 minutes
Density kg/liter	1.7 ± 0.05
Mixing ratio by weight powder : liquid	1 : 4
Rate of use	1:1.5 kg/m <sup>2</sup> for the first layer. 0.8:1 kg/m <sup>2</sup> for the second layer.

### **Application instructions: -**

#### **Substrate preparation: -**

- The substrate must be cleaned well, and free from dust, oils, grease, any lingering particles, and petroleum substances.
- In case the surface is uneven or has defects, it should be treated with Power Bond mortar.
- It is recommended to moisten the surface by spraying it until saturation, without allowing excess water to accumulate on the surface.

#### **Mixing and apply: -**

- Pour approximately 75% of the liquid jerry can content into a clean mixing container.
- Gradually add the contents of the sack (cement powder) while continuously and thoroughly stirring using a slow-speed mechanical mixer (300 RPM) until homogeneity.
- Add the remaining liquid jerry can content during stirring, and a small amount of water can be added as needed to achieve the appropriate consistency for application.
- Stir intermittently during painting to ensure complete homogeneity of the product.
- Apply the product using a roller or brush, and if a spray gun is used, thin the product with water until the appropriate spraying consistency is reached, with thorough stirring of the product.

- Apply the second layer after [4:6] hours from the application of the first layer, with the paint being applied vertically to the first layer.
- Slightly moisten the surface with water, clean it, and wipe it with a soft, dry sponge.
- Clean the used equipment with water immediately after completing the work.

### **Safety precautions: -**

- Gloves, protective clothing, and eye goggles should be worn during application.
- Never eat, drink, or smoke during application.
- In case of skin contamination, wash the contaminated area with water and soap.
- In case of eye contamination, immediately wash with abundant lukewarm water and consult a doctor immediately.
- Avoid spilling residues of the product into any watercourse or soil.
- Dispose of product residues or empty containers according to local environmental regulations.

**Packages: -**

A set of compounds liquid and powder, group capacity [5, 25 kg].

**Storage: -**

The product should be stored for two years in tightly sealed containers and under appropriate storage conditions.

For more information or inquiries, Visit our website.

[Power-cp.net](http://Power-cp.net)

**Disclaimer:** The technical data provided herein is accurate and correct as of the publication date and is subject to change without prior notice. The information in this datasheet is not exhaustive. Application conditions should comply with those mentioned in this datasheet. The company is not responsible for any losses resulting from application under differing conditions.

Edition: 7/2024

