



## **DURAPROOF**

Acrylic Polymer Based Elastomeric waterproofing Exterior Coating With Highly Protective Properties Designed for Reinforced Concrete and Plastered Surfaces

### **DESCRIPTION OF PRODUCT**

Duraproof, is a 100% acrylic polymer based single part elastomeric waterproofing Exterior and interior coating material that protects reinforced concrete parts against frost effect, carbonating, and degradation of various salts.

### **FIELDS OF APPLICATION**

- In outer areas, in vertical applications
- In exteriors of buildings, villas, factories, and hotels
- As decorative protecting coating on concrete, plaster, brick, and stone surfaces
- Wet areas, pools etc..

### **FEATURES AND BENEFITS**

- Protects the structure against carbonating, and degradation of various salts
- Has crack bridging property up to 0.25 mm.
- Forms a flexible, UV resistant, and decorative coating
- Reduces reinforcement corrosion with its low CO<sub>2</sub> diffusion
- Duraproof coating with 0.35 mm film thickness has equivalent carbon dioxide (CO<sub>2</sub>) diffusion resistance of 20 cm thick concrete.
- Duraproof elongates 250% of the first film thickness
- Ability to bridge cracks even in freezing temperature
- Gains 98% perfect elasticity in 24 hours
- Resistant to freezing-thawing cycle
- High durability.
- Vapor permeable. Enables rapid drying of the surface it is applied on
- Ready to use and easy to apply k7
- Does not contain solvents duraproof forms smooth and even surfaces

### **MIXING AND PRIMER PREPARATION**

Before using Duraproof it must be mixed with a 400-600 RPM mixer. Under no circumstances, water must be added to Duraproof Surface must be clean and dry. As primer, Durapaint primary apply for 1 coat Then Duraproof has to be applied on primed surfaces by a suitable roll. There is no need to prime the surfaces for concrete protection, Duraproof has to be applied on concrete surfaces by a suitable roll.

### **APPLICATION METHOD**

Duraproof should be applied on primed surfaces as 1 layer, after 4-6 hours by a suitable roll or spraying machine. Application is finished by applying the second layer after 5-6 hours.

### **COVERAGE**

Min. required thickness to form a protective coating against carbonating: Duraproof 330 EL: 200-300 microns. Coverage is directly proportional to the smoothness of surface. Duraproof : 0.45kg/ m<sup>2</sup> in 2 layers totally

### **SHELF LIFE**

18 months after the production date under appropriate storing conditions. Opened packages have to be stored by tightly sealing the cover, and must be used in one week.