



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 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

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 CO² diffusion
- Duraproof coating with 0.35 mm film thickness has equivalent carbon dioxide (CO₂) 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/m² 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.