



# MAZIKCOAT

Anticarbonation paints

## Description

MAZIKCOAT is an aliphatic acrylate elastomeric, water based protective coating based on a special acrylic polymer. It provides excellent elongation and recovery, resistance to aggressive elements, UV light and rain. MAZIKCOAT system is supplied in ready to use packs and available in a range of colors.

## Advantages

- Protects exposed reinforced concrete structures from atmospheric gases—excellent barrier to carbon dioxide, chloride ions, sulphates, oxygen and water
- It resists efflorescence and lime blooming with good adhesion on all cement plasters. It hides surface undulations and fine surface cracks.
- UV resistant aliphatic acrylate gives resistance to long term weathering
- It contains special glass fibers to maintain anti cracking properties

## Uses

- All types of Structures which are directly exposed to sea
- To protect structures from attack by acid gases, chloride ions, sulphates, oxygen and water
- To protect other cementitious substrates and masonry
- Anti-carbonation coating for new and existing structures
- Concrete storage tanks on external surfaces
- Bridge & Coastal area structures

## Benefits

- **Crack accommodation:** withstands substrate cracking up to 0.5 mm
- **High performance:** comprehensive barrier against carbon dioxide, water, sulphates and chloride ions.
- **Extremely durable:** maintains elastomeric performance, with high recovery, even after long term UV weathering.
- **Breathable:** water vapor can escape from the structure.

## Technical Information

PROPERTIES	RESULTS
Adhesive to concrete	Good
Water permeability	Nil after 24 hours.
Resistance to chloride, sulphate ions and carbonation	Good
UV resistance	Good
Breathability	Yes
Wet film thickness / coat	200 microns

## Method of Application

- All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance, and all traces of mould release oils.
- Apply primer coat over the substrate. The primer is reactive and capable of producing a chemically-bound hydrophobic barrier, thus inhibiting the passage of water and water-borne contaminants. A thin surface film is produced which consolidates and stabilizes porous substrates.
- The primer is best applied by using portable spray equipment and any areas of glass should be masked. Plants, grass, joint sealants, asphalt and bitumen-painted areas should be protected during application dictates different application rates for the primer.
- The correct application rates and over-coating times should be observed, in order to obtain the complete benefits of the protective properties of the MAZIKCOAT.

	PRIMER COAT	TOP COAT
Number of coat(s) Recommended	1	2
Total dry film Thickness	NA	min.260- 280 microns
Over coating time @ 30°C	4 hours	8 hours

## Packaging

- MAZIKCOAT is supplied in 1, 4, 10, 20 liter pack.

## Storage

- Minimum of 24 months shelf-life if kept under room temperature (i.e. 27°C).

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