



PRT.0097

PROTECH ELC

Acrylic, protective, elastomeric paint, in aqueous emulsion

✘ Customs Code

3209 9000

⚖ Dosage

0.4 - 0.6 kg /m²
(Recommended: 0.5 kg /m²)

📦 Packaging

- Pail 22 kg

🔧 Application

- Low pressure airless nebulizer
- Brush
- Paint roller

Family
Protech

Product Lines

- Building
- Infratech

Components

Single-component

Type

Acrylic fixatives, paints and plasters

Functional Categories

- **Structural maintenance of bridges and viaducts**
- **Protective varnishing (painting)**

Appearance

Liquid

General description

Elastomeric pigmented paint for protective finish of concrete surfaces with modest micro-crack impact; anti-carbonation, anti-crackling, applied by brush, roller or spray. It is based on acrylic resins in aqueous emulsion, fillerised loads, high coverage photostable colouring pigments. It is an anti-crackling coating, which keeps high flexibility and deformability properties for a long time.

Fields of application

Anti-crackling coating, for internal and external masonry surfaces even in the presence of cracks originating from acyclic movements and/or settlements due to differential thermal expansion. Suitable for painting buildings and infrastructural civil works including bridges and viaducts.

Available colours

- White
- *Cartella Azichem - acrilici*
- *Cartella Azichem - acrilici*

Basic features



Density:
1.55-1.60 kg/dm³

↔ Max. recommended thickness:
1.5 mm



→ Min. recommended thickness:
0.8 mm



Nonflammable



Shelf-life:
12 months



Solvent-free



Temperature of use:
+5 / +35 °C



To be applied in two coats



UV-resistant

Technical specifications

Dry residue (10' a 150°C): 79.25 %

Tools cleansing

- Water

Applicable on

- Plasters
- Concrete
- Cement-based or lime-based mortars
- Prefabricated concrete
- Fiber-cement

Instructions for use

PROTECH ELC should be applied in two coats, in a continuous manner, using a brush with long bristles, roller or airless at low pressure. Overcoat only after the previous coat has dried. It can be diluted with water at a ratio of 15-20% maximum.



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Substrate preparation

The application surfaces should be clean, free of incrustations, crumbling and non-adhering parts, dust etc. Absorbent and/or pulverised supports should be reclaimed by applying PROTECH FIX AC, for an indicative consumption of 0.12 kg/m².

Any static cracks, should be preliminarily enlarged, impregnated with a brush soaked in PROTECH FIX AC, and finally plastered with plastic putty FIBROSTUCK.

Storage and preservation

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Store the product at a temperature between +5°C and +35°C.



Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

In order not to compromise the required elasticity, follow the recommended minimum consumption.

PROTECH ELC is not suitable for metal or plaster supports.

Protect from rain for at least 48 hours.

PROTECH ELC is produced/distributed by



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