



Family  
**Protech**

Type  
**Acrylic fixatives, paints and plasters**

Product Lines  
• **Building**  
• **Infratech**

Functional Categories  
• **Repair and restoration of concrete structures with thixotropic mortars**  
• **Block repair of concrete works with free-flowing mortars**  
• **Structural maintenance of bridges and viaducts**  
• **Protective varnishing (painting)**

Components  
**Single-component**

Appearance  
**Thick liquid**

PRT.0117

## PROTECH WAC

Anti-carbonation acrylic paint,  
for concrete products

### Dosage

0.2 - 0.3 kg /m<sup>2</sup>  
(Recommended: 0.25 kg /m<sup>2</sup>)

### Packaging

- Pail 22 kg

### Application

- Brush  
- Paint roller  
- Sprayer  
- Low pressure airless nebulize

## Certifications and legislations



**EN 1504-2**

Products and systems for the protection and repair of concrete structures - Surface protection systems for concrete

## General description

Anti-carbonation, protective, decorative paint, pigmented for whitewashing concrete surfaces; based on acrylic resins in aqueous emulsion, it forms a film that is impermeable to water, with high vapour permeability, anchored by specific adherence and diffusion. Perfect for protective coatings of infrastructure projects in concrete.

## Fields of application

Painting of protective, decorative and anti-carbonation finish, for walls, façades, concrete products, plaster, masonry, natural stones, porous supports in general. Specific for painting industrial works and infrastructure artefacts: bridges, viaducts, large prefabricated, etc.

## Available colours

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

## Basic features



Density:  
1.5 kg/dm<sup>3</sup>



Nonflammable



Shelf-life:  
12 months



Solvent-free



Temperature of use:  
+ 5 / + 35 °C



To be applied in two coats



UV-resistant

## Technical specifications

*Complete hardening (a 20°C): 6-8 h*

*Hard to touch (a 20°C): 1-2 h*

*Thickness: 58 µm*

## Tools cleansing

- Water

## Applicable on

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



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## Substrate preparation

The surfaces of application should be clean, free of any soiling, crumbling and non-adhering parts, or non-absorbent, dust, pre-existing paints, etc. Degraded or uneven surfaces should be reclaimed with products of the family REPAR or with adhesive cement mortars packaged in situ, based on BOND HG and polypropylene fibres READYMESH PM-180.

Despite it is a good habit to apply an acrylic paint after preliminary treatment of the surfaces with the suitable reinforcing fixative PROTECH FIX AC, in the case of PROTECH WAC this operation is not strictly necessary.

## Instructions for use

Apply the product in 2 coats, with a brush, roller or spray, diluting it with water according to the following dosages (% in weight):

- roller or brush = 10%
- spray = 15%-25%

Overcoat only after drying of the previous coat.

## 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. Protect from humidity.



## 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.

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