

Protech WAC

Anti-carbonation acrylic paint, for concrete products



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 very low permeability to carbon dioxide but high vapour permeability, anchored by specific adherence and diffusion. Perfect for protective coatings of infrastructure projects in concrete.

CUSTOMS CODE: 3209 1000

COMPONENTS: Single-component

APPEARANCE: Thick liquid

AVAILABLE COLORS: Request available colors

PACKAGING AND DIMENSIONS: Pail 22 kg

OBTAINED CERTIFICATIONS AND REGULATIONS



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.

ALLOWED SUPPORTS

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

PREPARATION OF SUPPORTS

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.

MODE OF 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.

APPLICATION METHODS

Brush - Paint roller - Sprayer - Low pressure airless nebulizer

TOOL CLEANING

Water

KEY FEATURES

- ☒ Density: 1.5 kg/dm³
- ☒ Shelf-life: 12 months
- ☒ Temperature of use: + 5 / + 35 °C
- ☒ UV-resistant
- ☒ Nonflammable
- ☒ Solvent-free
- ☒ To be applied in two coats

TECHNICAL SPECIFICATIONS

EN ISO 11358
50 %

Sd CO₂ UNI EN 1062-6:2003
Permeability to CO₂ **740 m**

UNI EN ISO 2811-1:2011
1.556 kg/dm³

EN ISO 11358
27.7 %

UNI EN 1062-3
0.012

UNI EN ISO 3251:2008
10.95 g/l

a 20°C
Complete hardening at 20°C **6-8 h**

UNI EN 1542
> 0.8 MPa

a 20°C
Touch hardening at 20°C **1-2 h**

UNI EN 1062-1:2005
50 µm

EN ISO 11358
22.3 %

EN ISO 7783-1
Degree of water vapor transmission **0.1959 m**

CONSUMPTION

Apply from 0.25 to 0.35 kg of Protech WAC per square metre of surface to be painted.

STORAGE AND CONSERVATION

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.



PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

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