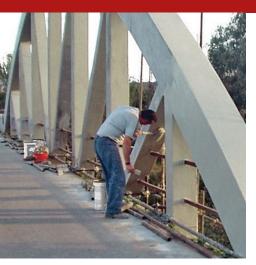


# **Protech WAC**

# 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 %

27.7 /0

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

- 0.0 MF

a 20°C

Touch hardening at 20°C 1-2 h

UNI EN 1062-1:2005

 $50~\mu m$ 

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.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

