

# Protech WAC-T

Acrylic Painting, fluoroelastomer, protective, anti-cracking



Anti-carbonation, protective, decorative, pigmented paint for painting concrete surfaces, based on acrylic elastomers in emulsion, thermoplastic fluorinated polymers (Teflon), fillerised aggregates, valuable colouring oxides. Perfect for waterproofing, water-repellent painting of artefacts and works in concrete or masonry in harsh environments (marine and mountain environments, chemical industry, steel mills, etc. ).

**CUSTOMS CODE:** 3209 1000

**COMPONENTS:** Single-component

**APPEARANCE:** Liquid

**AVAILABLE COLORS:** Request available colors

**PACKAGING AND DIMENSIONS:** Pail 22 kg

## OBTAINED CERTIFICATIONS AND REGULATIONS



## FEATURES AND BENEFITS

Protech WAC-T is a protective finish, high-performing and anti-carbonation, with pearly effect, hydrophobic, breathable, etc. Also perfect for masonry surfaces in the presence of cracks originating from acyclic movements and/or from settling by thermal expansion.

## FIELDS OF APPLICATION

Durable protective coating for pondage, ductwork, jetties, viaducts, dams, works in industrial harsh environments, constructions close to the sea, works in marine and mountain environments in general.

## ALLOWED SUPPORTS

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

## PREPARATION OF SUPPORTS

The surfaces of application should be clean and free of any soiling, crumbling and non-adhering or non-absorbent parts, dust, pre-existing paint, etc.. Absorbent and/or crumbling supports should be tempered by applying Protech Fix AC or ACS (for a indicative consumption of 0.12 kg/m²). Any static millimetric cracking, should be enlarged, impregnated using a brush with short bristles with Protech Fix AC or Protech Fix ACS, then filled with Fibrostuck.



## 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): - first hand = 40%-50% - second hand = 15%-20% Follow the recommended minimum consumption (350 g/m<sup>2</sup> in two hands) so as not to compromise the elastic properties that protect the product. Overcoat only after the previous coat has dried.

## APPLICATION METHODS

Brush - Paint roller - Sprayer - Low pressure airless nebulizer

## TOOL CLEANING

Water

## KEY FEATURES

 Density: 1.52 kg/dm <sup>3</sup>	 Highlighted product
 Nonflammable	 Shelf-life: 12 months
 Solvent-free	 Temperature of use: +5 / +35 °C
 To be applied in two coats	 UV-resistant

## TECHNICAL SPECIFICATIONS

<i>max</i> <b>50 µm</b>	<i>W</i> <b>0.021</b>
<b>26.7 %</b>	<i>a 20°C</i> Complete hardening at 20°C <b>10-12 h</b>
Determination of volatile matter (VOC) <b>9.63 g/l</b>	<i>EN ISO 7783-1</i> Degree of water vapor transmission <b>Classe I</b>
<b>48.0 %</b>	<i>10' a 150°C</i> Dry residue <b>60 %</b>
<b>0.4 MPa</b>	<b>1.521 kg/dm<sup>3</sup></b>
Viscosity Brookfield spindle 64 rpm20 Viscosity <b>20400 mPas</b>	<b>25.3 %</b>

## CONSUMPTION

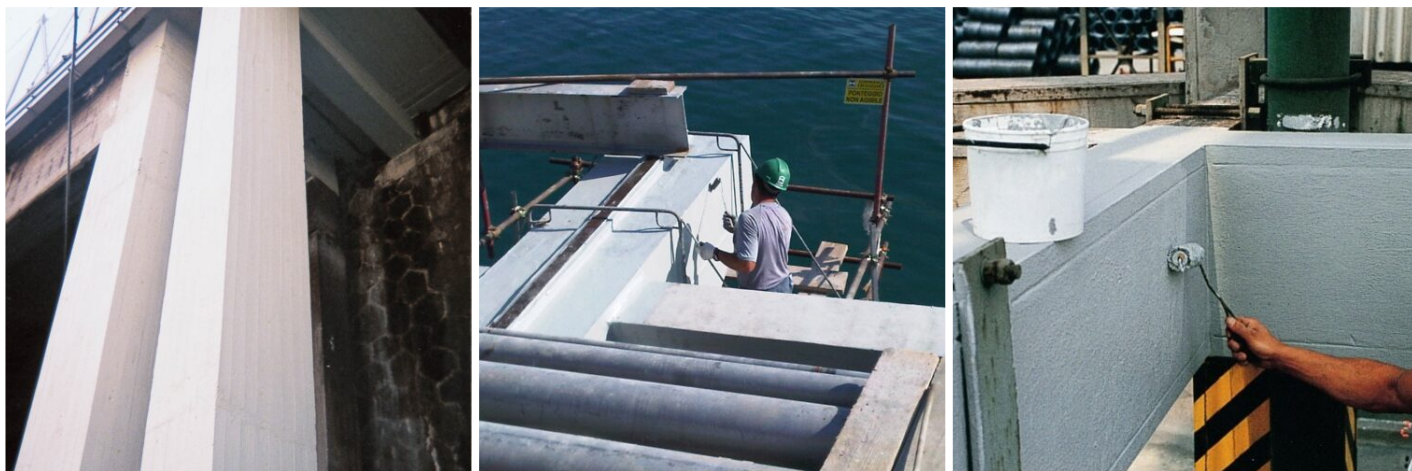
Apply from 0.25 to 0.35 kg of Protech WAC-T per square metre of surface to be painted.

## 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.



## PHOTO GALLERY



## ADDITIONAL CONTENT



## WARNINGS AND PRECAUTIONS

Do not apply in case of direct exposure to sunlight or at temperatures below 5°C. Protect from rain for at least 48 hours. 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](http://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](http://www.azichem.com).

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



Produced and distributed by **AZICHEM srl**  
Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy  
Tel: +39 0376.604185 / 604365  
Fax: +39 0376 604398  
[www.azichem.com](http://www.azichem.com) - [info@azichem.com](mailto:info@azichem.com)

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