



PRT.0118

PROTECH WAC-T

Acrylic Painting, fluoroelastomer, protective, anti-cracking

Customs Code

3209 1000

Packaging

- Pail 22 kg

Application

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

Family
Protech

Product Lines
• **Infratech**

Components
Single-component

Type
Acrylic fixatives, paints and plasters

Functional Categories

- **Repair and restoration of concrete structures with thixotropic mortars**
- **Block repair of concrete works with free-flowing mortars**
- **Construction and maintenance interventions on airport runways and quays**
- **Structural maintenance of dams, reservoirs, ducts and water ducts**
- **Structural maintenance of bridges and viaducts**
- **Protective varnishing (painting)**

Appearance
Liquid

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, 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.).

General features

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.

Dosage

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

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.

Basic features



Highlighted product



Density:
1.52 kg/dm³



Nonflammable



Shelf-life:
12 months



Solvent-free



Temperature of use:
+5 / +35 °C



To be applied in two coats



UV-resistant



Available **colours**
Request available colors

IF YOU WANT TO SOLVE IT
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Updated: **06/07/2021**

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Technical specifications

Grado di trasmissione dell'acqua liquida (W): 0.021 kg/(m² • h^{0.5})

Grado di trasmissione del vapore acqueo: Classe I _
Determinazione dell'aderenza per trazione diretta (Fh): 0.4 MPa
Analisi termogravimetrica - Frazione volatile: 25.3 %
Analisi termogravimetrica - Frazione polimerica: 26.7 %
Analisi termogravimetrica - Cariche inorganiche: 48.0 %
Determinazione della densità: 1.521 kg/dm³
Determinazione della granulometria (max): 50 µm
Determinazione delle materie volatili (VOC): 9.63 g/l
Complete hardening (a 20°C): 10-12 h
Dry residue (10' a 150°C): 60 %
Viscosity (Viscosity Brookfield spindle 64 rpm20): 20400 mPas

Tools **cleansing**

- Water

Applicable on

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

Substrate **preparation**

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.

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):

- first hand = 40%-50%
- second hand = 15%-20%

Follow the recommended minimum consumption (350 g/m² in two hands) so as not to compromise the elastic properties that protect the product. Overcoat only after the previous coat has dried.

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.



Warnings, Precautions and Ecology

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.

Do not apply in case of direct exposure to sunlight or at temperatures below 5°C. Protect from rain for at least 48 hours.

PROTECH WAC-T is produced/distributed by



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