



PRT.0388

ELASTOCAP-ABC

Specific fixative for the permanent encapsulation of asbestos panels

Customs Code

3209 1000

Packaging

- Pail 20 kg
- Pallet tank (IBCs) 1000 kg

Application

- Sprayer

Family
Protech

Product Lines
• **Infratech**

Components
Single-component

Type
Asbestos encapsulation fixatives

Functional Categories
• **Permanent encapsulation of asbestos-cement slabs**

Appearance
Liquid

Certifications and legislations

D.M. 20/08/1999

UNI 10686:1998 - D.M. 20/08/1999

Encapsulating coatings for asbestos-cement sheets - A, B, C and D type encapsulating cycles

General description

One-component coating based on acrylic resins in aqueous dispersion for permanent encapsulation of type A (visible outside), B (visible inside) and C (not visible, before confinement) of asbestos sheets, certified in accordance with the DM August 20, 1999. ELASTOCAP-ABC is characterized by high flexibility, resistance to yellowing, adhesion and creates a waterproof and crack-resistant membrane.

General features

ELASTOCAP-ABC is a product certified as being suitable for inertising Type A, Type B and Type C asbestos cement products.


Dosage


A minimum 0.60 kilograms of ELASTOCAP-ABC per square metre of surface is to be applied in two coats.

Fields of application


For visible or invisible permanent encapsulation of flat and corrugated roofing sheets and coverings containing asbestos fibres subject to degradation.


Basic features


 Density:
1.25 - 1.30 kg/l

 Dosage:
600-650 g/m²

 Min. recommended thickness:
300 µm

 Shelf-life:
12 months

 Solvent-free


 Temperature of use:
+5 / +40 °C

 To be applied in two coats

 Use wearing protective glasses

 Use wearing protective gloves

 UV-resistant

 Available colours
Gray / Red

Technical specifications

Adhesion after freeze-thaw cycles (UNI 10686): 1.3 MPa

Adhesion after sun-rain cycles (UNI 10686): 1.32 MPa

Adhesion to substrate (UNI EN 24624): 1.34 N/mm²

Complete hardening: 7 day

Dry residue: 57 - 60.7 %

IF YOU WANT TO SOLVE IT
 **azichem**

www.azichem.com

Updated: **08/07/2021**

General sales conditions and legal notices on

www.azichem.com/disclaimer

Fire resistance (UNI 8457-UNI 9174): CLASS 1 _

pH (UNI EN ISO 4316): 7.5 _

Resistance to washing (UNI 10560): > 5000 cycles

Time before second coat: 12 - 24 h

Tools cleansing

- Water

Applicable on

- Fiber-cement

Substrate preparation

If the surface is intact and only partially affected by the presence of mould and vegetation, it must be adequately suctioned using specific equipment, wet cleaned and treated with biocidal products to prevent dispersing the fibres into the environment and to permit the reclamation of the water used for washing. If the surface is particularly damaged or covered with mould and vegetation, it is necessary to inform the competent Local Health Authority by submitting an appropriate intervention plan. Cleaning in any case must be carried out with low-pressure water that is to be recovered in special containers for the subsequent disposal of the sediments. Any detached parts and waste are to be properly disposed of as asbestos waste. Always operate in compliance with current regulations on asbestos reclamation, occupational safety and environmental pollution. Apply a coat of BOND PLUS for the impregnation of the substrate and the incorporation of asbestos fibres, preventing any dispersions in the environment. The use of primer also favours the adhesion of the encapsulating coating, to be applied after the primer has dried (about 30-40 minutes depending on the temperature). BOND PLUS can be applied by spray (airless) with a consumption of about 100-300 grams/m², depending on the degree of absorption of the substrate.

Instructions for use

Spray ELASTOCAP-ABC onto clean and dry surfaces (at a pressure of 200-210 bar) once the BOND PLUS is completely dry. The product can be diluted with 15% water to facilitate application.

For TYPE A and B ENCAPSULATION COATINGS, application requires a minimum of two coats in different contrasting colours, waiting approximately 12-24 hours before the application of the next layer, in accordance with environmental conditions.

A single coat of ELASTOCAP-ABC is sufficient for NON-VISIBLE TYPE C COATINGS. The average and total minimum thicknesses required by current standards vary depending on the type of coating (see the table). The appearance of the underlying layer of cladding caused by environmental conditions and wear indicates a need to work on the surface once more to restore the encapsulant coating.

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. Store the product at a temperature between +5°C and +35°C.



www.azichem.com

Updated: **08/07/2021**
General sales conditions and legal
notices on
www.azichem.com/disclaimer

MINIMUM THICKNESS OF ENCAPSULATING COATINGS D.M. 20/8/99

TYPES OF INTERVENTION	Features min. cycle	ELASTOCAP-ABC Encapsulation Cycle	Average total thickness	Minimum total thickness
TYPE A - EXPOSED EXTERNALLY	Two or more coats of contrasting colour	1 coat of BOND PLUS 1 coat of ELASTOCAP-ABC 1 coat of ELASTOCAP-ABC in a contrasting colour	300 µm (*)	250 µm
TYPE B - EXPOSED INTERNALLY	Two or more coats in contrasting colours	1 coat of BOND PLUS 1 coat of ELASTOCAP-ABC 1 coat of ELASTOCAP-ABC in a contrasting colour	250 µm (*)	200 µm
TYPE C - PRE-CONFINEMENT	No specifications	1 coat of BOND PLUS 1 coat of ELASTOCAP-ABC	200 µm	200 µm

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.

ELASTOCAP-ABC is produced/distributed by



Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
info@azichem.com Tel. +39 0376.604185 /604365 Fax +39 0376 604398



www.azichem.com

Updated: **08/07/2021**
 General sales conditions and legal notices on
www.azichem.com/disclaimer