

Elastocap-ABC

Specific fixative for the permanent encapsulation of asbestos panels



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.

CUSTOMS CODE: 3209 1000

COMPONENTS: Single-component

APPEARANCE: Liquid

AVAILABLE COLORS: Request available colors

PACKAGING AND DIMENSIONS: Pail 20 kg - Pallet tank (IBCs) 1000 kg

OBTAINED CERTIFICATIONS AND REGULATIONS

D.M. 20/08
1999

FEATURES AND BENEFITS

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

FIELDS OF APPLICATION

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

ALLOWED SUPPORTS

Fiber-cement



PREPARATION OF SUPPORTS

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.

MODE OF 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.


APPLICATION METHODS

Sprayer


TOOL CLEANING

Water


KEY FEATURES


 Density: 1.25 - 1.30 kg/l


 Min. recommended thickness: 300 µm


 Solvent-free


 To be applied in two coats


 Use wearing protective gloves

 Dosage: 600-650 g/m²

 Shelf-life: 12 months

 Temperature of use: +5 / +40 °C

 Use wearing protective glasses

 UV-resistant

TECHNICAL SPECIFICATIONS

UNI EN ISO 4316

pH **7.5**

Time before second coat at 20°C **12 - 24 h**

Complete hardening at 20°C **7 day**

UNI 10560

Resistance to washing > **5000 cycles**

UNI EN 24624

Adhesion to substrate **1.34 N/mm²**

UNI 10686

Adhesion after freeze-thaw cycles **1.3 MPa**

UNI 10686

Adhesion after sun-rain cycles **1.32 MPa**

UNI 8457-UNI 9174

Fire resistance **CLASS 1**

Dry residue **57 - 60.7 %**



CONSUMPTION

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

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

PHOTO GALLERY



ADDITIONAL CONTENT



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 (*)	25 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 (*)	2 µm
TYPE C - PRE-CONFINEMENT	No specifications	1 coat of Bond Plus 1 coat of Elastocap-ABC	200 µm	2 µm



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.

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

