



FIELD OF USE FOR 1<sup>st</sup>-2<sup>nd</sup>-3<sup>rd</sup> DIVISION PRODUCTS

# PREFIX FIBERPROOF

HIGHLY PENETRATIVE SOLVENT-BASED SPECIFIC PRIMERS TO BE APPLIED AS A PRIME COAT BEFORE THE WATER-BASED ELASTOLIQUID PUR COLOURED ENCAPSULATING COAT



## PROBLEM

Rendering asbestos cement sheets harmless is becoming more and more important in order to prevent asbestos fibres from being dispersed into the environment. The methods approved by the Ministerial Decree of 6<sup>th</sup> September 1994, law n. 257/92 provides for the encapsulation of the sheets. In order to reduce the emission of fibres into the air within legal limits, the decree requires for the asbestos cement surface to be coated with a suitable penetrating coating product. In some cases it may be possible for the degraded surfaces of the roof, to be refurbished without recourse to high-pressure water cleaning, carried out in accordance to the law.

## DESCRIPTION

PREFIX is a penetrating fixative containing synthetic resins dissolved in a solvent containing anti-mould additives. FIBERPROOF is a consolidating penetrating primer containing synthetic resins dissolved in a solvent.

The important characteristics of these products is their capacity to penetrate deeply into the dirty, loose surface of the asbestos sheet or slab providing a highly adhesive surface and a good base for the following treatment with water-based Elastoliquid Pur which contains acrylic elastomers and is applied in two different coloured coats.

Different coloured paint films are used so that the treated areas can be distinguished from the surrounding untreated areas as recommended by local health authorities. The dried film is tough and will not be degraded by mould, algae or moss; it also has excellent resistance to atmospheric degradation and ultra violet rays. Although these two penetrative coats alone would guarantee the comple-

te encapsulation of the loose fibres, in order to improve their durability it is recommended that they are coated with acrylic water-based elastomeric encapsulating products such as Elastoliquid Pur.

## FIELDS OF USE

Penetrative primers recommended for the refurbishment of asbestos cement for use as a prime coat applied before coloured encapsulating coats.

## PRECAUTIONS

- Do not mix PREFIX or FIBERPROOF with cement or water.
- Apply a second coat of FIBERPROOF when the first coat of PREFIX is perfectly dry.
- Apply PREFIX AND FIBERPROOF by spraying each coat in the opposite direction to the previous coat in order to make sure the entire surface has been coated.
- Clean tools with white spirits or synthetic solvents.

## SAFETY REGULATIONS

- PREFIX and FIBERPROOF are flammable materials which are harmful if inhaled or if they come into contact with the skin. Do not breath in the fumes and work only in well-ventilated environments. Do not apply PREFIX and FIBERPROOF on wet or damp surfaces.
- Do not use PREFIX and FIBERPROOF to waterproof the surfaces or containers holding liquids for human consumption, drinking water or which may come into contact with solvents or mineral oils.
- We recommend using gloves and the strict observance of the precautions envisaged for the use of flammable products. In particular, do not use these products near naked flames or sparks and do not smoke while applying the products. Always wear a suitable anti-solvent mask.
- Store PREFIX and FIBERPROOF in the original containers away from heat sources and naked flames, as the product is flammable.

## METHOD OF USE

**ASBESTOS CEMENT SURFACES:**  
type of operation in accordance with UNI 10686 of March 1998 "Enclosure 2" approved by the Decree of 20th August 1999, relevant to the extension of law 27 n. 257 of 27<sup>th</sup> March 1992.

**A1 • Encapsulating treatment on the extrados of clean asbestos cement sheets (type A: visible from the outside) with an average thickness of 300 µm.**

1. Application of the first fixative penetrating coat of blue solvent-based PREFIX with a yield of roughly 250 g/m<sup>2</sup>.
2. Application of two coats of the water-proofing water-based coating, Elastoliquid

Pur, coloured in two different contrasting colours for a yield of roughly 450 g/m<sup>2</sup> per coat.

**A2 • Encapsulating treatment on the extrados of slightly dirty asbestos cement sheets (type A: visible from the outside) with an average thickness of 300 µm.**

The preparation of these surfaces can be a problem. In fact, if, on one hand, common application practice requires for all of the dirt to be removed, after an attentive evaluation from case to case, proceed with the encapsulation of the sheets.

It is however absolutely necessary to remove any moss which has grown on the

surfaces, using tools equipped with vacuum pumps and suitable filters in accordance with the law.

1. Application of the first fixative penetrating and consolidating coat of blue solvent-based PREFIX with a yield of roughly 200 g/m<sup>2</sup>.
2. Application of a coat of penetrating and consolidating white solvent-based FIBERPROOF with a yield of roughly 250 g/m<sup>2</sup> per coat.
3. Application of two coats of the water-proofing water-based coating, Elastoliquid Pur, in two contrasting colours with a yield of roughly 450 g/m<sup>2</sup> per coat.

# PREFIX - FIBERPROOF

## TECHNICAL CHARACTERISTICS

	PREFIX	FIBERPROOF
Appearance	Liquid	Liquid
Colour	Pale blue	White RAL 9010
Specific weight at 23°C (volumetric mass) (UNI 8910)	0.90 ± 0.05 kg/litre	0.97 ± 0.05 kg/litre
Dry residue at 130°C (UNI 8911)	23% ± 2%	33% ± 2%
Drying time (dust dry)	30 minutes	40 minutes
Drying time (touch dry)	60 minutes	60 minutes
Application of following coat		4-5 hours (after Prefix)
Viscosity ((DIN/4 at 23°C) (UNI-EN-ISO 23431)	20 ± 5 seconds	56 ± 5 seconds
Closed flash point	>42 °C	>28 °C
Shelf life in the original containers	12 months	12 months



ONE-COMPONENT



SOLVENT-BASED



MIX  
MECHANICALLY



SPRAY  
APPLICATION



APPLY  
BY BRUSH



APPLY  
BY ROLLERS



MINIMUM APPLICATION  
TEMPERATURE



WEAR PROTECTIVE  
CLOTHING

## ADVANTAGES

- Good adhesion and penetration on superficially degraded asbestos cement sheet.
- Excellent consolidation of the sheet surface and accumulated dirt.
- Film resistant to mould, algae and lichens.
- Complete adhesion of the water-based coloured acrylic elastomeric encapsulating film on the FIBERPROOF primer.
- Insensitive to water.

## PRODUCT



## PACKAGING

20 litres pails.

**index**  
Construction Systems

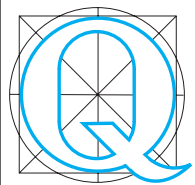
Via G. Rossini, 22  
37060 Castel D'Azzano (VR) - Italy  
Tel. 045.8546201 - Fax 045.512444

INTERNET: <http://www.index-spa.com> - E-MAIL: [index.export@index-spa.it](mailto:index.export@index-spa.it)

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Waterproofing  
with liquid products



TOTAL QUALITY  
Q.S. ISO 9001

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