

PRIMERSINT B4

Fixative primer for asbestos cement

- Description:** Fixative primer, formulated with synthetic resins, selected solvents and special additives.
- Advantages:**
- Good adhesion even on superficially unbonded slabs.
 - Good consolidating power of surface dirt.
 - Resistant to weathering and UV rays.
 - Film resistant to moulds, algae and lichens.
 - Blocks the effects of dust and minimises porosity in concrete.
 - Very fast drying of the film, which considerably reduces the waiting time before laying the liquid membranes.
 - Elasticity and adhesion to the substrate clearly superior to bituminous primers, even at low temperatures (below 10 °C).
 - Favours the adhesion of polymer-bitumen membranes and ensures a good grip.
 - Thanks to its unique red colour, it improves visibility of the film on the coating of the structure during the remediation process, by embedding, of the asbestos cement slabs.
- Applications:**
- Impregnation of asbestos-cement slabs in order to prevent the dispersion of asbestos fibres in the environment (combine with Gumvern W liquid sheath coating).
 - On smooth concrete structures, as a gripping base coat, before applying: hot flame bitumen, polymer-bitumen membranes and liquid waterproofing sheaths, creating a clean and stable base.
 - On wood and metal surfaces.
 - Preparation of the substrate on polymer-bitumen membranes before applying paint or liquid protective sheaths.
- Surface preparation:**
- The asbestos cement slabs must be perfectly dry before proceeding with treatment.
 - Check that there is no rising damp or water backpressure.
 - Apply at temperatures between +5 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.
 - Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, or release oils. Carefully clean the surfaces, which must be solid, even, and dry and in the case of concrete surfaces must not have been previously treated with evaporation retardant products.
- Application:**
- The product is ready to use. Apply by spray, roller or brush.
 - Apply each coat in the opposite direction to the previous one to be sure of total coverage of the surfaces.
 - Clean equipment with white spirit or synthetic thinners.
- Consumption:**
- Primer consumption ranges from 200 to 400 g/m² on asbestos-cement slabs; from 100 to 200 g/m² on metal surfaces; from 150 to 250 g/m² on concrete and wood surfaces.
- Warnings:**
- Apply the liquid sheaths only when the primer is perfectly dry.
 - Do not apply on very hot surfaces, which would adversely affect the product's cohesion and adhesion to the surface.
 - The operators in charge of the remediation work must be equipped with respiratory protection equipment and protective overalls when working on the roof.

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- We recommend following all the laws in this regard relating to remediation by embedding asbestos cement slabs.
- Avoid application in bad weather conditions. The still wet layer can be washed away by rainwater or ruined by dew and frost.
- Check (according to UNI 10329) that the residual humidity content of the cement surface to be treated is $\leq 5\%$ by weight (for screeds with a density of 2000 kg/m^3).
- Do not use inside residential buildings or in non-ventilated premises.
- Do not use to waterproof surfaces or containers intended to contain edible liquids, drinking water or which are in contact with solvents or mineral oils.
- Do not expose to direct sunlight, temperatures higher than $30 \text{ }^\circ\text{C}$, heat sources, open flames or other sources of ignition.
- Flammable product. Store in tightly sealed original packaging.
- Comply with the information on the safety data sheet.
- Consult the information at the bottom of this document.

Packaging: 5, 10, and 20 L metal pails.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Red
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	$> 46 \text{ }^\circ\text{C}$
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(23-25)%
Viscosity (<i>Flow time at 20 °C, DIN/4 mm cup</i>)	EN ISO 2431	17-23 seconds
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(0.86-0.92) kg/L
Drying time (<i>at 23°C; 50% RH</i>)		30-60 minutes*

APPROVAL OF ENCAPSULANTS FOR REMEDIATION OF ASBESTOS CONCRETE STRUCTURES (MINISTERIAL DECREE 20/08/1999 according to UNI 10686/98)

TYPE OF ENCAPSULATING COATINGS	PRODUCT APPLICATION PROCEDURE
(A) IN FULL VIEW FROM THE OUTSIDE <i>- solvent/water-based mixed cycle -</i>	<ul style="list-style-type: none"> • After cleaning the surfaces, apply a coat of Primersint B4 with consumption varying between 200 and 300 g/m^2; • Once dried, after about 4 hours apply 400 to 500 g/m^2 for the first layer of Gumvern W. • After complete drying, apply the second coat of Gumvern W, with a colour that contrasts with the previous coat, with a consumption of 400-500 g/m^2.

The advice and technical information provided represent HA ITALIA S.p.A.'s best knowledge of product properties and use. Considering the different situations of use of the products and factors beyond our control (media, working conditions, failure to comply with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to make use of it is required to determine whether it is suitable for the intended use and assumes full liability for whatever may arise from its use.



HA Italia disclaims any and all liability arising from failure to observe the warnings mentioned in this data sheet and failure to comply with the requirements set out in the safety data sheet.

Data sheet no.: 20004143-REV01 dated 01.01.2023



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