

## **ELASTOPLASTO 400**

### **Decorative and protective fibre-reinforced pigmented elastoplastic liquid sheath**

**Description:** Coloured fibre-reinforced liquid waterproofing membrane, formulated with synthetic resins and selected solvents.

**Advantages:**

- Ensures effective protection against UV rays and weathering.
- Has a greater resistance to standing water than common water emulsion sheaths.
- Ensures good thermal insulation by creating a highly reflective barrier of the sun's rays.
- Extends the life of bituminous coats.
- Perfect adhesion.
- Fast drying of the film.
- The presence of fibres increases the resistance to treading and mechanical stress.
- Frost resistant.
- Resistant to low temperatures: can also be used in winter.
- Resistant to thermal shock.
- High resistance on surfaces in industrial areas or near the sea.

**Applications:** Suitable to coat:

- Concrete and fibre cement.
- Talc or slated polymer-bitumen membranes.
- Bituminous liquid waterproofing membranes (water or solvent based) also affected by the occasional presence of standing water.
- Wood and metal surfaces, plaster, pantiles and roof tiles.

**Surface preparation:**

- 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. Avoid application if bad weather is forecast, as it could negatively affect the proper drying of the product.
- Before applying, check that waterproofing ensures proper run-off of rainwater.
- Apply at temperatures between +0°C and +35°C; avoid extremely hot or cold conditions during application and drying of the film.

**Application:**

- The product is ready to use.
- Apply Elastoplasto 400, after mixing with a brush, broom or trowel.
- Apply the product in 2 cross coats. The second coat should be applied when the first is perfectly dry.
- Use common synthetic thinners to clean tools.

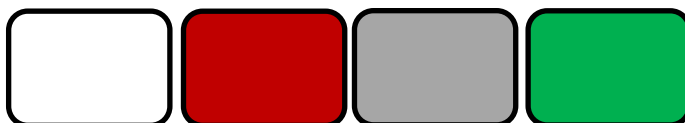
**Consumption:** Depending on the surface to be treated, total consumption varies from 1 to 2 kg/m<sup>2</sup>.

**ELASTOPLASTO 400****Decorative and protective fibre-reinforced  
pigmented elastoplastic liquid sheath****Warnings:**

- Do not use indoors or in non-ventilated premises.
- We recommend not to exceed the above-mentioned consumption, as this could lead to an imperfect drying of the film in depth, due to the persistence, under the surface layer, of fractions of unevaporated solvent. The total waterproofness of the film dried on the surface prevents their normal evaporation.
- Do not apply on very hot surfaces as the process of formation of the paint film would be excessively accelerated with negative consequences on the cohesion and adhesion of the product to the surface.
- 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  $2000 \text{ kg/m}^3$ ).
- We advise against applying the product on newly applied bituminous surfaces, which could still release hydrocarbons and cause adhesion problems of the film on the sheath.
- If the roof includes insulating packages, a shorter restore is advisable.
- Do not use for surfaces or containers of edible liquids, for drinking water or that may come into contact with solvents or mineral oils.
- Do not paint tanks, basements or channels subject to strong water backpressure or pressurised water.
- Periodic maintenance of the surfaces is recommended, with visual inspection and removal of dirt by pressure washing.
- Store in tightly sealed original packaging.
- Flammable product
- Do not expose to temperatures over  $40^\circ\text{C}$ , heat sources, open flames or other sources of ignition.
- Comply with the information on the safety data sheet.
- Consult the information at the bottom of this document.

**Packaging:**

1, 5, 10, and 20 kg metal pails.

**Available  
colours:**

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## Technical data:

MAIN CHARACTERISTICS		
Appearance		Thixotropic paste
Colours		White Red, Green, Grey
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	>+23 °C
Solid content ( <i>m/m at 130 °C</i> )	EN ISO 3251	(73-81)%
Brookfield viscosity ( <i>at 25 °C, spindle 5; 10 rpm</i> )	EN ISO 3219	(17,000±4,000)cP
Density ( <i>at 20 °C</i> )	EN ISO 2811-1	(1.43-1.53) kg/L
Drying time		30 - 60 minutes*
PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (C COATINGS – PRINCIPLES: PI-MC-IR)		
Permeability to CO <sub>2</sub>	EN 1062-6	S <sub>D</sub> > 50 m
Water vapour permeability	EN ISO 7783	Class I (S <sub>D</sub> < 5 m)
Liquid water permeability	EN 1062-3	w < 0.1 kg/m <sup>2</sup> ·h <sup>0.5</sup>
Tensile bond strength	EN 1542	≥ 1 N/mm <sup>2</sup>
Reaction to fire	EN 13501-1	E

\* Measurements have been recorded at a temperature of 23 °C and with 50% moisture. Declared data may vary depending on the thickness of the applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, and absorbency of surfaces.



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.**

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