

ELASTOCROM GRIGIO

Fibre-reinforced pigmented elastomeric waterproofing paste

Description: Multi-purpose coloured fibre-reinforced waterproofing coating, formulated with synthetic resins and selected solvents.

Advantages:

- Waterproofs concrete surfaces affected by micro-cracks or subjected to thermal expansion.
- Perfect adhesion on materials of different nature (wood, metal, glass, concrete, PVC).
- Adapts to any surface geometry to be coated.
- Once dried, it has excellent elasticity.
- Excellence resistance to standing water.
- Resistant to low temperatures: can also be used in winter.
- Protective against UV degradation.
- High resistance on surfaces in industrial areas or near the sea.

Applications: Suitable for waterproofing:

- Old bituminous membranes.
- Roofing on concrete surfaces, sheet metal or fibre-cement roofing.
- Underground and foundation walls.
- Pipes and gutters; roofing details.

Also suitable for:

- creating details and joints of synthetic surfaces (TPO/FTO).
- sealing between membranes and vertical concrete.
- instant sealing of construction gaps on roofs and coverings such as chimney pots, skylights, downspouts, flashings, ventilation ducts, antennas and gutters.
- for collars around through pipes.
- for rapid localised repairs.

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.
- Check that waterproofing ensures proper run-off of rainwater.
- Apply at temperatures between +5 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.

Application:

- The product is ready for use. Apply, after mixing, by brush, spatula or roller.
- When applied in two layers, the product must be applied when the first is completely dry. The second coat must be applied perpendicular to the first.
- It is possible to add nitro thinner to obtain a more fluid product.
- Drying times depend on the type of support, the thickness of the layer produced and the ambient temperature.
- Use common synthetic thinners to clean tools.

Consumption: Depending on the surface to be treated, total consumption varies from 1 to 2 kg/m².

Warnings:

- Do not use indoors or in non-ventilated premises.
- Check (according to UNI 10329) that the residual humidity content of the cement surface to be treated is ≤ 5% by weight (for screeds with a density of 2000 kg/m³).
- It can be stepped on in case of occasional maintenance.

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- It is advisable not to exceed the consumption indicated above, because the film may not dry perfectly in depth.
- Do not apply on very hot surfaces, which would adversely affect the product's cohesion and adhesion to the surface.
- Flammable product. Do not expose to temperatures over 40 °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, 20 and 25 kg metal pails.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Thixotropic paste
Colour		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	(65-73)%
Brookfield viscosity (<i>at 25 °C, spindle 5; 10 rpm</i>)	EN ISO 3219	(30,000±6,000)cP
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(1.16-1.22) kg/L
Drying time		60 - 120 minutes*
PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (C COATINGS – PRINCIPLES: PI-MC-IR)		
Permeability to CO ₂	EN 1062-6	S _D > 50 m
Water vapour permeability	EN ISO 7783	Class II (5<S _D <50 m)
Liquid water permeability	EN 1062-3	w < 0.1 kg/m ² ·h ^{0.5}
Tensile bond strength	EN 1542	≥ 1 N/mm ²

* 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 absorptency 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.

Data sheet no.: 20004314-REV01 dated 01.01.2023



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