

ASFALTMULL EXTRA

Cold mix asphalt

Description: Water-based bituminous waterproofing paste.

Advantages:

- Good resistance to saline solutions.
- Easy cold application.
- Resistant to aging.
- Odourless, non-flammable product.
- Non-toxic product, free from solvents.

Applications:

- It is suitable for waterproofing concrete structures of foundations and retaining walls.
- Repair and seal non-walkable slabs of flat, inclined or curved roofs affected by micro-cracks or cracks not subject to heavy expansion.
- It is particularly suitable where the use of solvent-based products is prohibited.
- Suitable for forming a levelling mortar after mixing with class 32.5 R cement and sand (weight ratio: 1/3 cement, 1/3 sand, 1/3 Asphaltmull Extra) and adding water, depending on the desired workability, in a quantity of about 20-25% on the weight of the mixture.
- It can be used as a primer, to stop dust on concrete surfaces, when diluted with about 30% water.

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.
- It can also be applied on damp surfaces due to the presence of particular additives that equally allow adhesion.
- Apply between +5°C and +35°C; avoid extremely hot or cold conditions during application and drying of the film.

Application:

- Mix before use. Apply as is by broom, brush, airless spray or roller.
- To improve product performance, we recommend applying two coats.
- The second coat should be applied when the first is perfectly dry.
- The product is completely dry on average after 8 hours at a temperature of 25 °C (depending on the surface and the quantity of product applied).
- Before applying, it is advisable to check the solidity and efficiency of the water run-off points of the surface to be waterproofed.
- If left exposed, the dried film is to be protected with reflective paints or water-based coloured decorative paints.
- After use, wash tools with water and, if the product has dried, it is advisable to remove it with hot water or with the common synthetic thinners.

Consumption: On average, total consumption is equal to 1-1.5 kg/m².

Warnings:

- 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/m³).
- Avoid applying the product on surfaces subject to standing water.
- Do not apply on very hot surfaces, which would adversely affect the product's cohesion and adhesion to the surface.
- Protect from frost, do not expose the package to temperatures below +5 °C; once frozen, the product can no longer be recovered.

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- For further information, request the safety data sheet.

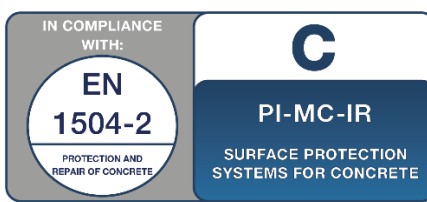
Packaging: 5, 10, or 20 kg metal or plastic pails; 200 kg plastic or metal drums.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid paste
Colour		Dark brown
Shelf life in closed original packaging		12 months
Solid content (m/m at 130 °C)	EN ISO 3251	(49-55)%
Brookfield viscosity (at 20 °C, spindle 5; 10 rpm)	EN ISO 3219	(28,000±5,500)cP
Density (at 20 °C)	EN ISO 2811-1	(1.17-1.25) kg/L
pH (at 20 °C)		8.0-11.0
Drying time		90-120 minutes*
Complete drying time		12 hours*

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 I (S _D < 5 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.

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HA ITALIA S.p.A.
DIVISIONE PRODOTTI SPECIALI
 Viale della Scienza 78 -80 - 36100 Vicenza - Italy
 Stabilimento Via Vicenza 72 - 36015 Schio (VI)
 P.I. e C.F. IT00169590247 - Ph +39 0445 678000
 info@ha-italia.com - www.ha-italia.com -  ha italia s.p.a -  ha italia s.p.a

