

Description: Waterproofing water-based bituminous paste.

Advantages:

- Good resistance to saline solutions.
- Easy **cold applying**.
- **Long lasting** product.
- **Odourless** and non-flammable product.
- Non-toxic, **solvent free**.

Fields of use:

- Waterproofing of **concrete** structures such as foundations and retaining walls.
- Suitable for forming a leveling mortar after mixing with class 32.5 R cement and sand (weight ratio: 1/3 Cement, 1/3 sand, 1/3 Asfaltmull) and addition of water in quantity, according to the desired workability, equal to about 20 ÷ 25% on the weight of the mixture.
- It is particularly suitable where solvent-based products are forbidden.

Surface preparation:

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, disarming oils and carefully clean the surfaces, that must be sound and dry.
- It can be applied also on wet surfaces, as it contains additives that gives grip.
- Apply at temperatures between +5°C and +35°C, avoiding extreme weather conditions such as heat and cold during the application and the drying of the film.

Application:

- Mix Asfaltmull before use.
- It is ready for use and can be applied by broom, brush or roller.
- Apply 2 layers to enhance the product performance.
- The second layer should be applied when the first one is perfectly dried.
- Before application, it is advisable to check the solidity and efficiency of the surface water runoff points to be waterproofed.
- On façades it is recommended to cover the coat with decorative or reflective water-based paints.
- Tools should be washed with water right after the use; If the product had dried on them, remove it mechanically or with a thinner.

Coverage: The average total consumption is of 0,8÷1,2 Kg/m².

Warning:

- Apply the product at room temperature not below +5° C, avoiding extreme weather conditions such as heat and cold or simply fog, rain and frost.
- The product must not be applied on surfaces subject to water stagnation.
- Do not apply on very hot surfaces, that might have negative consequences on the cohesion and the adhesion of the product on the surface.
- Keep the product away from frost. The product must be applied or stocked at a temperature above +5° C. Once the product gets frozen, it is not recoverable anymore.
- For further information please ask for safety datasheet.
- Read the information reported at the end of this data sheet.

Packaging: Metal or plastic pails of 1, 5, 10, 20 kg.

Technical data:

MAIN CHARACTERISTICS		
Aspect		Liquid paste
Colour		Dark brown
Shelf life in closed original container		12 months
Solid Content <i>(m/m drying at 130°C)</i>	EN ISO 3251	(48÷54)%
Brookfield viscosity <i>(at 20°C, Impeller n.5; 10 rpm)</i>	EN ISO 3219	(18.000±2.000) cP
Density <i>(at 20°C)</i>	EN ISO 2811-1	(1,23÷1,33) kg/L
pH <i>(a 20° C)</i>		8,0÷11,0
Drying time <i>(out of dust)</i>		90÷120 minutes*
Complete drying time		12 hours *
PERFORMANCE CHARACTERISTICS - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (C COVERINGS – PRINCIPLES: PI MC IR)		
Permeability to CO ₂	EN 1062-6	S _D > 50 m
Water vapour permeability	EN ISO 7783	Classe I (S _D < 5 m)
Liquid water permeability	EN 1062-3	w < 0,1 Kg/m ² ·h ^{0,5}
Tensile bond strength <i>(by pull off)</i>	EN 1542	≥ 1 N/mm ²

* Measures have been recorded with a temperature of 23°C and a moisture of 50%. Declared data can change depending on the thickness of applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, absorption capacity of surfaces.



The advice and technical information here provided represent HA ITALIA best knowledge of product properties and use. Considering the different uses of the products and other factors which do not depend on us (different materials, working conditions, non-compliance with instructions), we cannot be held responsible for the results obtained. Before using the product, anyone who intends to use it must determine its suitability for the intended use and has all liability that may arise from its use.

HA Italia disclaims any liability arising from non-compliance with the instructions given in this technical data sheet and with the guidelines specified in the safety data sheets.

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HA ITALIA S.p.A.
SPECIAL PRODUCTS DIVISION

Viale della Scienza 78 -80 - 36100 Vicenza - Italy
 Plant Via Vicenza 72 - 36015 Schio (VI)
 P.I. e C.F. IT00169590247 - Ph +39 0445 678000
 info@ha-italia.com - www.ha-italia.com - [in](#) ha italia s.p.a - [f](#) ha italia s.p.a

