

BLACK PRIMER**Bituminous primer with regenerated solvents**

Description: Bitumen based primers and selected organic solvents.

Advantages:

- It **blocks the effects of dust** and **minimizes concrete surfaces porosity**.
- **Rapid drying** of film, **absence of stickiness**.
- It **promotes the adhesion** of polymer bitumen **membranes** and grants a good grip.
- **Excellent adhesion** and penetration on every dry concrete surface.
- It **does not drip** at high temperature and resists at low temperatures.
- Absence of superficial oily substances.

Application fields:

- Priming coat on **concrete structures** like road bridges, bridges, foundation walls, coverings of civil and industrial buildings.
- To be used before the application of **polymer bitumen membranes** with hot flame or cold laying processes with bituminous binders like Bitoglue Base or before the finishing coat with a **liquid bituminous membrane**.
- **Waterproofing paint** on concrete foundation walls, fixing primer reinforcing cement, wood and metal surfaces.
- Preparation of **metal** and **wood surfaces**.

Surface preparation:

- Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, disarming oils. Carefully clean the surfaces, that must be sound and dry. Do not apply if bad weather is forecast, which could prevent the product from drying correctly.
- Apply the product at a temperature range between 0°C and +35°C; extremely hot or cold weather conditions during the application and the drying of the film should be avoided.

Application:

- Apply by brush, broom or roller.
- The product is ready to use. Possible specific application requirements or viscosity increase, caused by solvents evaporation, can be fixed by adding specific thinners (preferably based on aromatic solvents).
- To clean the tools use common synthetic or nitrous diluents.

Consumption: - Approximately 100÷200 g/m² per layer.

Warning:

- When polymer-bitumen membranes are applied by hot flaming it is highly recommended to use the product only if concrete surfaces are perfectly dry; alternatively a bituminous primer specific for wet surfaces is suggested.
- Do not use inside residential buildings or inside non well-ventilated spaces.
- Before covering, the product must be completely dried.
- Make sure that holes, joints and aerators are closed before the application.
- Do not use it to seal surfaces or containers suitable for edible liquids, drinking water or others, that is in contact with solvents or mineral oils.
- Flammable product. Store the product in closed container at temperature above +5°C.
- Do not expose to temperature above +30°C, direct sunlight, heat sources, open flames or other sources of ignition.
- Follow the information on the safety data sheet.
- Read the information reported at the end of this data sheet.

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Packaging: Metal pails of 1, 5, 10, 20, 25, 30 L.
Iron drums of 200 L.
IBC da 1.000 L.

Technical data:

MAIN CHARACTERISICS		
Aspect		Liquid
Colour		Black
Shelf life in closed original container		24 months
Closed-cup flash point	ASTM D3828-87	< +23 °C
Solid content (<i>m/m drying at 130 °C</i>)	EN ISO 3251	(38÷42)%
Viscosity (<i>flow time at 20°C, cup Ø 4 mm</i>)	DIN 53211	11 ÷ 15 seconds
Density (<i>a 20°C</i>)	EN ISO 2811-1	(0,93 ± 0,03) kg/L
Fraass breaking point (<i>fragility at low temperatures</i>)	EN 12593	- 10 °C
Bitumen penetration (<i>at 25° C</i>)	EN 1426	(10÷20) dmm
Drying time		30÷60 minutes*
Bitumen softening temperature	EN 1427	(90÷100)°C
pH (<i>a 20° C</i>)		6,5÷7,5

* 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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ISO 9001= ISO 14001
OHSAS 18001