

**PRIMER BIT 50/50 TL****Bituminous primer with toluene**

**Description:** Very fast drying primer, formulated with bitumen and pure organic solvents.

**Advantages:**

- Blocks the dust and porosity of concrete surfaces.
- Rapid drying of film, absence of stickiness.
- Promotes the adhesion of polymer bitumen membranes by granting a good anchorage.
- Excellent adhesion and penetration on any dry concrete surface.
- Does not drip at high temperature and resists at low temperatures.
- Absence of superficial oily sludge.

**Application fields:**

- Priming coat on concrete structures like viaducts, bridges, foundation walls, coverings of civil and industrial buildings.
- To be used before the application of the polymer bitumen membranes with hot flame or cold laying processes with bituminous binders such as 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:**

- Ensure that loose parts, crumbling or non-sticky parts, paint, rust, dust and release agents are removed. Carefully clean the surfaces, which must be solid, even, dry and in the case of concrete surfaces must not have been previously treated with anti-evaporation products.. Do not apply in case of bad-weather forecasts: this could negatively affect the correct product drying.
- 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.
- Primer BIT 50/50 TL is ready to use.
- To clean the tools use common synthetic or nitrous diluents.

**Consumption:** - Approximately 100÷200 g/m<sup>2</sup>.

**Warning:**

- It is highly recommended to use the product on polymer-bitumen membranes with hot flame application only if concrete surfaces are perfectly dry; alternatively a bituminous primer specific for wet surfaces is suggested.
- Check (according to UNI 10329) that the residual moisture content of the cementitious substrate to be treated is  $\leq 5\%$  in weight (for screeds with a density of 2000 kg/m<sup>3</sup>).
- Before covering, make sure the primer is completely dry.
- Make sure that holes, joints and aerators are closed before the application.
- Do not use inside residential buildings or inside not ventilated spaces.
- Do not use it to waterproof surfaces or containers suitable for edible liquids, drinking water or anything in contact with solvents or mineral oils.
- Flammable product. Store the product in closed container.
- 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.

# PRIMER BIT 50/50 TL

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

**Technical data:**

MAIN CHARACTERISTICS		
Aspect		Liquid
Colour		Black
Shelf life in closed original container		24 months
Closed-cup flash point	ASTM D3828-87	< +21 °C
Solid content ( <i>m/m drying at 130 °C</i> )	EN ISO 3251	(47÷53)%
Viscosity ( <i>flow time at 20°C, cup DIN/4 mm</i> )	EN ISO 2431	13 ÷ 19 seconds
Density ( <i>at 20°C</i> )	EN ISO 2811-1	(0,94 ± 0,03) kg/L
Drying time ( <i>out of dust</i> )		15÷30 minutes*
PERFORMANCE CHARACTERISTICS - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE ( C COVERINGS – 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 ( <i>by pull off</i> )	EN 1542	≥ 1 N/mm <sup>2</sup>

\* 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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