

PRIMER BIT 50-102 TL

Bituminous primer with toluol

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

Advantages:

- Blocks the effects of dust and minimises porosity in concrete.
- Rapid drying of film, no stickiness.
- Favours the adhesion of polymer-bitumen membranes and ensures a good grip.
- Excellent adhesion and penetration on every dry concrete surface.
- Does not drip at high temperatures and does not become brittle at low temperatures.
- No superficial oily substances.

Applications:

- Priming coat on concrete structures such as viaducts, bridges, foundation walls, roofing of civil and industrial buildings.
- Apply before bonding hot flame or cold-laid polymer-bitumen membranes 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 to reinforce cement, wood and metal surfaces.
- Used to prepare 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, 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.
- Apply at temperatures between 0°C and +35°C; avoid extremely hot or cold conditions during application and drying of the film.

Application:

- Apply by brush, broom or roller.
- Primer BIT 50-102 TL is ready for use.
- The tools can be cleaned with the common synthetic or nitro thinners.

Consumption: -The consumption of primer is approximately 150 g/m².

Warnings:

- When polymer-bitumen membranes are applied by hot flaming, we highly recommend using the product only if concrete surfaces are perfectly dry; alternatively, we suggest using a bituminous primer specific for wet surfaces.
- 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).
- Before covering, check that the primer must be completely dried.
- Make sure that holes, joints and aerators are closed before application.
- Do not use inside residential buildings or in non-ventilated premises.
- Do not use to waterproof surfaces or containers intended to contain edible liquids, drinking water or which are in contact with solvents or mineral oils.
- Flammable product. Always keep the product in closed packaging.
- Do not expose to temperatures over 30 °C, direct sunlight, 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.

PRIMER BIT 50-102 TL

Bituminous primer with toluol

Packaging: 1, 5, 10, 20, 25 and 30 L metal pails.
200 L metal drums.
1000 L IBC.

Technical data:

MAIN CHARACTERISTICS		
Appearance		Liquid
Colour		Black
Shelf life in closed original packaging		24 months
Closed-cup flash point	ASTM D3828-87	< +21 °C
Solid content (<i>m/m at 130 °C</i>)	EN ISO 3251	(47-53)%
Viscosity (<i>Flow time at 25 °C, DIN/4 mm cup</i>)	EN ISO 2431	14 - 20 seconds
Density (<i>at 20 °C</i>)	EN ISO 2811-1	(0.95 ± 0.03) kg/L
Dust-free time		15-30 minutes*
PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (C COATINGS – PRINCIPLES: PI-MC-IR)		
Permeability to CO ₂	UNI EN 1062-6	S _D > 50 m
Water vapour permeability	UNI EN ISO 7783	Class I (S _D < 5 m)
Liquid water permeability	UNI EN 1062-3	w < 0.1 kg/m ² ·h ^{0.5}
Tensile bond strength	UNI 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 absorbency 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.: 20004123-REV01 dated 01.01.2023



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 - [in](#) ha italia s.p.a - [f](#) ha italia s.p.a

