

# CEMENTPLAST TEC

## Fibre-reinforced bituminous waterproofing plastic cement

- Description:** Fibre-reinforced, solvent-based elastomeric bituminous waterproofing, formulated with bitumen, synthetic resins and special additives.
- Advantages:**
- Quicker drying compared to the bituminous emulsions.
  - No stickiness.
  - Good elasticity.
  - Good resistance to standing water.
  - Suitable also for winter.
  - Ready for use.
- Applications:**
- It is used in the building industry to join waterproof coverings to vertical fittings, drain outlets, skylights, aerators, etc.
  - It is indicated to repair and seal foundations, sheds or non-walkable slabs of flat, inclined or curved roofs affected by micro-cracks or cracks not subject to heavy expansion.
  - If diluted with solvent-based bituminous primers, it can be used with a brush for waterproofing concrete foundations.
- 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.
- Application:**
- The product is ready for use. Apply with a metal spatula.
  - Spray application is not recommended due to the presence of cellulose fibres in the product.
  - Use common synthetic thinners to clean tools.
  - Apply at temperatures between +5 °C and +35 °C; avoid extremely hot or cold conditions during application and drying of the film.
- Consumption:** -The consumption of Cementplast Tec is approximately 1-1.5 kg/m<sup>2</sup>.
- Warnings:**
- Paint finishing is allowed only a few months after application to allow the surfacing hydrocarbon substances to be expelled.
  - Check (according to UNI 10329) that the residual humidity content of the cement surface to be treated is ≤ 5% by weight (for screeds with a density of 2000 kg/m<sup>3</sup>).
  - Do not use indoors or in non-ventilated premises.
  - Store in tightly sealed original packaging.
  - Flammable product.
  - Do not expose to 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.
- Packaging:** 1, 5, 10, 20 and 25 kg metal pails.

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**Technical data:**

MAIN CHARACTERISTICS		
Appearance		Paste
Colour		Black
Shelf life in closed original packaging		24 months
Solid content ( <i>m/m at 130 °C</i> )	EN ISO 3251	(78-86)%
Brookfield viscosity ( <i>at 25 °C, spindle 7; 10 rpm</i> )	EN ISO 3219	(1,600±300)cP
Density ( <i>at 20 °C</i> )	EN ISO 2811-1	(1.56±0.04) kg/L
Drying time		90-120 minutes*
Drying time (in depth at 20° C)		12 hours*
PERFORMANCE PROPERTIES - EN 1504-2 SURFACE PROTECTION SYSTEMS FOR CONCRETE (C COATINGS – 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 II (5<S <sub>D</sub> <50 m)
Liquid water permeability	EN 1062-3	w < 0.1 kg/m <sup>2</sup> ·h <sup>0.5</sup>
Tensile bond strength	EN 1542	≥ 1 N/mm <sup>2</sup>

\* 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.**

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