

FORMULA T

cod. FORMULA-T / FORMULA-T LIQUID

Cement-based polymeric primer.

DESCRIPTION

Formula T is a two-component cementitious polymer product used as an adhesion primer for Microtopping® on concrete and screeds (sand and cement) of good quality, or on ceramics with wide-joints, in place of the usual leveling coat of Epoxy-coat.

FEATURES

- Cement-based.
- Easy to mix and has an outstanding workability.
- Long open time.

USES

FORMULA T is suitable:

- For screeds and concrete backgrounds with low porosity and which do not require any consolidation treatment. The substrate must fulfill the following requirements:
 - pull off resistance > 1 Mpa
 - surface must be compact and free from cracks, friable material and chalking
 - Low porosity (1-5 min on the drop-test).
- As a levelling coat on wide-joint ceramics where a fiberglass mesh (75g) has been previously set with IW blocker. On the upper FORMULA T coat you can apply the full Microtopping®-cycle, included Epoxy-coat.

TECHNICAL INFORMATION

Appearance and colour	Semi-liquid mixture, grey
Smell	light
Open time	1 hour
Walkable after	12 h (20° e 50% RH)
Further application	12 h
Application of Microtopping®	12 h

APPLICATION

PREPARATION

The substrate must be dry with a moisture content of not more than 4%.

It must be clean, free of dust, loose particles, cement grout and pollutants.

Screeds must be previously sanded (gr. 60), ceramic tiles and concrete substrates must be ground



with a diamond disc.

MIXING THE MATERIAL

FORMULA T is a bi-component product composed by a premix-powder (FORMULA-T) and a liquid polymer (FORMULA-T LIQUID). Add the powder to the liquid component, mix thoroughly at low speed for 3-5 minutes, scraping the sides and bottom of the bucket to obtain a complete mixture. Mixing ratio: 25 Kg powder to 5 Kg liquid.

APPLICATION PROCEDURE

On screeds and concrete, apply FORMULA-T LIQUID to the substrate with a roller (150 g/m²). Then spread evenly to a minimal thickness (about 2,4 Kg mixture per sqm).
On ceramic backgrounds, apply the mixture straight away.
Apply a second coat or of the full Microtopping® cycle (previous sanding gr 60 required) after 12 h.

MIXING RATIO AND COVERAGE

Mixing ratio: 5 parts powder (FORMULA-T) to 1 part FORMULA-T LIQUID

Coverage	FORMULA-T 2,0 Kg/m ²
	FORMULA-T LIQUID 0,4 Kg/m ²
	mixture 2,4 Kg/m ²

PACKAGING / STORAGE / DISPOSAL

FORMULA-T	buckets 25 Kg
FORMULA-T LIQUID	buckets 10 Kg

The product can be kept for at least one year in the original sealed container at a temperature between +10°C and +30°C.

WARNING

- If the substrate does not comply with the requirements listed under "Areas of use" or in the event of any doubt, use Epoxy-coat.
- FORMULA T is not suitable for substrates which need consolidation.
- Clean the tools with water.
- See the SDS.

IMPORTANT

The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is not used in accord with its instructions. The manufacturer disclaims any responsibility for the achievement of the services declared for the system and for the success of the work if it is performed even partially in contrast with these guidelines or with products not covered by them.

The manufacturer also declines any responsibility for the aesthetic aspect of the flooring which depends on the installation methods, working times and climatic conditions of the site. The applicator must take these into account when scheduling and applying the materials supplied by the manufacturer.

The applicator notes that Ideal Work is in no way responsible for the suitability of the solution chosen in relation to:

A) Substrate suitability, climatic conditions or any other external parameter which may affect the performance of the Ideal Work products being used.

B) The stresses to which Ideal Work products may be put under operation.

It also notes that the indications provided by Ideal Work in its technical documentation are to be considered a necessary condition but do not in any way relieve the contractor of the responsibilities and technical evaluations of the applicator. The data can be changed at any time. Also note that the products are intended for professional use only.