



## TECNOPLASTIC F - PLASTIC CHARGES FOR ANTISLIP FINISH

Micronized plastic particles (polyamide), designed to texture polyurethane resins, and in this way, achieve surfaces and floorings with an anti-slip finish, in pedestrian traffic situations.

### USES

For application in the following situations:

- To mix with polyurethane resins Tecnotop 2C/2CP/1C range of resins to achieve a level of medium-high roughness (depending on the mixing ratio).

**NOTE:** call our technical department about the application to other substrates or scopes of use

<b>Consumption</b>	5 ~ 8 % depending on the texture desired
<b>Medium size of particle</b>	125 µm (0.125 mm.)



### GENERAL SPECIFICATIONS

- It is a coarse powder for producing significant surface texturing. The nature and degree of texturing depend on the applied film thickness and the ratio of texturing agent to binder.
- To mix with Tecnotop range of aliphatic resins
- Conforming even to European norm ENV 12633: (floors slipperiness), to achieve Class 3 (>45 slip resistance), depending on dosage (consult our technical department).
- Depending on the formulation Tecnoplástico F may tend to sediment during storage of the coating. In such cases employing an anti-settling agent is necessary.
- The thermal stability is influenced by the binder and also depends on the duration of exposure. Experiments must be undertaken to precisely determine the thermal stability if long-term exposure to temperatures of more than 140 °C (284°F) is expected.
- It can be used in both solvent-based and solvent-free coatings, and also in water-based coating systems. The areas of application include decorative coatings and anti-slip coatings.
- It is resistant to most customary solvents, but this should be checked when testing the overall coating formulation.

### PACKAGING

Metal tins of 2 kg.



## STORAGE AND SHELF LIFESHELF LIFE

24-months shelf life is stored in original containers in a dry environment at a temperature between 5-35 °C (41-95°F). Keep away from direct sunlight, extreme heat, cold or moisture

## MIXING PROCEDURE

Mix the desired dosage in the A component of Tecnotop 2C/2CP/1C. The amount to be added in each case will depend on the desired or required texture project, this action can be performed by a speed-stirrer. It does not require the use of added agents, even if water-based systems are used. Perform this action until a homogeneous mixture. In systems containing Pigments texturing agents must be added after grinding these ones

## HEALTH AND SAFETY

According to Regulation (EC) No. 1272/2008, TecnoPlastic F is not classified as a dangerous product and therefore does not need to be labeled. Due to the powdery nature of the product, measures for dust protection must be heeded and the build-up of an electrostatic charge must be avoided.

## TECHNICAL AND CHEMICAL PROPERTIES

PROPERTIES	VALUES
Appearance	White powder
Density	±1.22 g/cm <sup>3</sup>
Melting range	150-160 °C (302 - 320°F)
Particle size	d50=±170 µm d90=±260 µm

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