



TECNOPLASTIC F - PLASTIC CHARGES FOR ANTISLIP FINISH

TECNOPLASTIC F is a kind of micronized plastic (polyamide) for texturing polyurethane resins, and achieve antislip surfaces for flooring.

USES

Main uses of TECNOPLASTIC F:

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

consumption	5 ~ 8 % depending on the texture desired
medium size of particle	125 µm (0,125 mm.)



GENERAL FEATURES

- TECNOPLASTIC F 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 norm ENV 12633: (floors slipperiness), to achieve Class 3 (>45 slip resistance), depending on dosage (consult our technical department).
- Depending on the formulation TECNOPLASTIC 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 is expected.
- TECNOPLASTIC F 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.
- TECNOPLASTIC F is resistant to most customary solvents, but this should be checked when testing the overall coating formulation.



PACKAGING

Metal tins of 2 kg.

SHELF LIFE

TECNOPLASTIC F can be stored for at least 24 months at room temperature under dry conditions.

APPLICATION METHOD

The application method of TECNOPLASTIC F is:

- 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

HANDLING

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.

Consult the material and safety data sheet of the product (MSDS).

PHYSICAL DATA

- appearance: white powder
- bulk weight: ± 640 g/l
- density: $\pm 1,22$ g/cm³
- melting range: $\pm 150-160$ °C
- particle size:
 - d50 ± 150 μ m,
 - d90 ± 225 μ m,
 - d99,9 ± 280 μ m

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