

Series 6000

Textured Epoxy Polyester HYBRID

For Interior Application

General Description:

Textured Epoxy Polyester powder of the 6000 Series provides a decorative coating which combines excellent durability and mechanical characteristics with good corrosive resistance. Textured Epoxy Polyester powder coatings from the 6000 series are available in a variety of colors and gloss levels, with the option of combining metallic effects. Textured Epoxy Polyester powders from the 6000 series are designed to create a film thickness of approx. 100-120 microns (4 mils) at the peak.

Typical Applications:

Textured Epoxy Polyester powders are intended for coating metal cabinets, electric distribution boards, lighting components, metal shelves, displays and office furniture.

Specifications:

Properties	Test Method	Value
Specific Gravity	ASTM D5965	1.2 – 1.7 g/cc
Gloss (60°)	Test visual	Matt / silky / glossy
Impact Resistance	ASTM D2794	80 INCHxPOUNDS*
Elasticity	ASTM D522	180*, 3 mm
Pencil Hardness	ASTM D3363	3H
Adhesion	ISO 2409	GT = 0
Salt Spray	ASTM B117	from < 1000 hours
Resistance Humidity	ASTM D2247	from < 1000 hours

* The test results apply to a glossy texture; all tests were carried out on R46 plates.

Stoving conditions: (object temperature)

1. Metal temperature (MTP) 200°C (392° F) – 15 minutes
2. Metal temperature (MTP) 190°C (374° F) – 18 minutes

Storage:

Powder coatings tend to absorb moisture, and therefore it must be stored in sealed containers after use. They must also be kept away from sources of heat and direct sunlight. The powder's shelf life expectancy is 12 months, at a temperature of 25°C (77° F), at a relative humidity below 60%.

Precautionary Measures:

It is recommended that the areas surrounding the site where coating takes place be properly ventilated. The powder's particles cause irritation of the respiratory tract; the inhalation of the powder must therefore be avoided. In case of contact with the skin, wash with water and soap. In case of contact with the eyes, wash with water immediately and seek medical help. A mask, gloves and protective glasses must be worn while working with powdered paint. All equipment must be grounded in order to avoid the build-up of static electric current.

General notes:

what is specifically recommended in this sheet should not be considered a substitute for consultation when formulating specifications for a specific project. All the data and recommendations contained in this sheet are based on inspections, knowledge and experience accumulated in our lab and on the ground, and they are most reliable. We claim no responsibility, implied, or otherwise. We are solely responsible for the product quality; users must verify whether it suits their specific requirements. The information contained herein is liable to modification without advance notice.

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