

TECHNICAL INFORMATIONS – POWDER COATINGS

POLITHERM 48 WF TF R SM ORANGE W RAL 2002 GLOSSY

PRODUCT: 13503936

DESCRIPTION/ USES: Powder coating free of TGIC. Metallic parts coating for outdoor use.

CHARACTERISTICS:

Resin: Polyester
Specific gravity: 1,34 ± 0,10 g/cm³
Stability: 12 month (max. 30°C)
Observations: Free of heavy metals according to RoHS Directive 2002/95/CE of 01/27/2003

APPLICATION CHARACTERISTICS:

Surface: Ferrous and non-ferrous
Surface preparation: Ferrous : Phosphatization
 Non-ferrous: Chromatization or phosphatization*
Cure conditions: 10 minutes at 200 °C**
Thickness: 50 – 70 µm
Application system: Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS @ 60°	WPS-3854	: Min 85 UB
IMPACT (REVERSE)	WPS-4130	: Min 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Max 3 mm

CHEMICAL RESISTANCE ***

Salt spray: : Min. 500 h (ASTM B117 – 03)
Humidity: : Min. 1000h (35°C)

* For non-ferrous metals phosphatizing, please contact our technical service.

** After stabilization on correct temperature (metal temperature).

*** The tests were conducted on degreased steel panels in accordance with the cure and thickness specifications. The results may vary, depending on the surface characteristics. For chemical resistance testing, panels were degreased and treated with trichloro phosphat.

IMPORTANT: This coating, when properly applied and cured is suitable for the use of adhesives and sealants. However, because of the different products on the market, it requires prior testing by the user in order to select the adhesive and / or sealant appropriate.

If it is not possible to use the product according to the directions given above we ask you to contact our technical service.

STORAGE: Fresh, dry and covered place.