

POLITHERM 28 TF R SM VARNISH BROWN FUME 76002 UM

PRODUCT: 14001428

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

ATTENTION: As it is a product without covering power, the color tone varies depending on the thickness of the applied layer and the color of the substrate. Variations can also occur between varnish batches depending on the variation that exists within the shade limits of the dyes used.

CHARACTERISTICS:

Resin:	Polyester
Specific gravity:	1,20 ± 0,10 g/cm ³
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:	60 – 80 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS @ 60°	WPS-3854	: Visual std.
IMPACT (REVERSE)	WPS-4130	: Min 40 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Max 5 mm

CHEMICAL RESISTANCE ***

Salt spray:	: Min. 500 h (ASTM B117 – 03)
Humidity:	: Min. 1000 h (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 tricationic 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 is not possible the use of the product according to the directions given above we ask you to contact our technical service.

STORAGE: Fresh, dry and covered place.