

POLITHERM 20 R SM VARNISH DARK RED 80306 BR

PRODUCT: 16059488

DESCRIPTION / USES: Metallic parts coating for indoor use.

ATTENTION The color tone varies depending on the layer thickness hence it is recommended uniform application. Being a product without covering power, the varnish depicts substrate tonal variations where it is applied.

CHARACTERISTICS:

Resin:	Epoxy / polyester
Specific gravity:	1,20 ± 0,10 g/cm ³
Stability:	12 month (máx. 30°C)
Observations:	Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011

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	ASTM D 3359	GR0
GLOSS @ 60°	ASTM D 523	Visual std.
IMPACT (REVERSE)	ASTM 2794	Min. 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Max. 3 mm

CHEMICAL RESISTANCE ***

Salt spray:	Min. 500 h (ASTM B117 – 73)
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 figures may be change, depending on the surface characteristics. For chemical resistance tests the panels were degreased and treated with tricationic phosphat.

IMPORTANT: 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.