

## POLITHERM 20 R SM VARNISH COPPER ORANGE 25063 BR

**PRODUCT:** 13647181

**DESCRIPTION / USES:** Metallic parts coating for indoor use.

**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:** Epoxy / polyester  
**Specific gravity:** 1,20 ± 0,10 g/cm<sup>3</sup>  
**Stability:** 12 month (máx. 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	WPS-3854	Visual std.
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 – 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.

**COPY FOR INFORMATION**

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