

## POLITHERM 16 R SM BROWN RU GRAPHITE 75012 MA

**PRODUCT:** 13537140

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

### CHARACTERISTICS:

**Resin:** Polyester  
**Specific gravity:** 1,70 ± 0,10 g/cm<sup>3</sup>  
**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	25 ± 3 UB
IMPACT (REVERSE)	WPS-4130	Min 40 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	Max 5 mm

**NOTE:** There may be, between batches, some variation in color tone around the color standard.

### 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 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.