

**POLITHERM 29 TF R LI VERMELHO W RAL 3020 SB**  
**POWDER COATING 29 TF R SM RED W RAL 3020 SB**

**PRODUCT:** 12787879

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

**CHARACTERISTICS:**

**Resin:** Polyester  
**Specific gravity:** 1,48 ± 0,10 g/cm<sup>3</sup>  
**Stability:** 12 month (máx. 30°C)  
 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 a 200 °C\*\*  
**Thickness:** 60 – 80 µm  
**Application system:** Electrostatic gun

**AFTER CURE CHARACTERISTICS\*\*\*:**

TEST	METHOD	SPECIFICATION
ADHESION	WMS-3905	GR0
GLOSS	WMS-3854	70 ± 5 UB
IMPACT (REVERSE)	WMS-4130	Min. 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WMS-4856	Max.3 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.

**STORAGE:** Fresh, dry and covered place.

**COPY FOR INFORMATION**

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