

## POLITHERM 87 WFS R SM RED W RAL 3020 BR

**PRODUCT:** 13712517

**DESCRIPTION / USES:** Coating of metal parts for external use, with superior resistance to weathering (super durable).

**CHARACTERISTICS:**

**Resin:** Polyester  
**Specific gravity:** 1,25 ± 0,05 g/cm<sup>3</sup>  
**Stability:** 12 month (max. 30°C)  
**Observations:** Free of heavy metals and other substances provided for in Directive 2015/863 EU of 03/31/2015 (RoHS).

**APPLICATION CHARACTERISTICS:**

**Surface:** Ferrous and non-ferrous  
**Surface preparation:** Ferrous : Phosphatization  
 Non-ferrous: Chromatzation or phosphatization\*  
**Cure conditions:** 8 minutes at 215 °C\*\*  
**Thickness:** 70 – 90 µm  
**Application system:** Electrostatic gun

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

TEST	METHOD	SPECIFICATION
ADHESION	ASTM D 3359	: GR0
GLOSS @ 60°	ASTM D 523	: Min 90 UB
GLOSS @ 20°	ASTM D 523	: Min 70 UB
IMPACT (REVERSE)	ASTM D 2794	: Min 40 kg x cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	: Max 5 mm

**CHEMICAL RESISTANCE \*\*\***

**Salt spray:** : Min. 1000 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.

13712517