

POLITHERM 25 R SM WHITE W RAL 9010 BR

PRODUCT: 15508741

DESCRIPTION / USES: Coating of metal parts for internal use for contact with drinking water. This ink meets nsf/ANSI/CAN 61-2020 American National Standart/NSF International "Drinking water system components - Health effects" (2020).

CHARACTERISTICS:

Resin: Epoxy
Specific gravity: 1,58 ± 0,10 g/cm³
Stability: 6 months (máx. 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: Chromatization or phosphatization*
Cure conditions: 10 minutes at 180 °C**
Thickness: 80 – 100 µm
Application system: Electrostatic gun

AFTER CURE CHARACTERISTICS*:**

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS at 60°	WPS-3854	: Minimum 90 UB
IMPACT (REVERSE)	WPS-4130	: Minimum 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-4856	: Maximum 3 mm

CHEMICAL RESISTANCE ***

Salt spray: : Minimum 500 h (ASTM B117 – 03)
Humidity: : Minimum 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.

This product is not suitable for parts intended to be glued using silicon glue.

STORAGE: Fresh, dry and covered place.