

POLITHERM 54 HB SM GREEN W2,5G 9/2 SB

PRODUCT: 10005662

DESCRIPTION / USES: Epoxy powder coating for indoor use on metallic parts.

IMPORTANT WARNING The product is suitable for application to grit blasted steel substrate. As a functional ink, is characterized by the appearance of "orange peel" in the applied layer. It should be remembered that the presence of burrs and sharp edges damage the corrosion performance of the product. At the contact points with hooks and protruding burr should be used for touch-up paint Lackpoxi ER line 733 in color Munsell 2.5G 9/2

CHARACTERISTICS:

Resin:	Epoxy
Specific gravity:	1,51 ± 0,10 g/cm ³
Stability:	6 month (máx. 30°C)

APPLICATION CHARACTERISTICS:

Surface:	Ferrous and non-ferrous
Surface preparation:	Ferrous : Phosphatization Non-ferrous: Chromatization or phosphatization*
Cure conditions:	10 minutes at 200 °C**
Thickness:	110 – 160 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS*:**

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS at 60°	WPS-3854	: 65 ± 5 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 – 73)
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.

COPY FOR INFORMATION

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