



POLITHERM 25 R LI GREY PRIMER 11552 UM

PRODUCT: 18743147

DESCRIPTION / USES: Metallic parts coating for indoor use. Compliant to ISO 12944-6 C5-M High requirements over 2-3 mil profile blasted cold rolled steel and top coated with an appropriate polyester powder coating

CHARACTERISTICS:

Resin: Epoxy
Specific gravity: 1,57 ± 0,1 g/cm³
Shelf Life: 6 months (max. 86 °F)
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 356 °F
Thickness: 2,4 - 3,1 mils
Application system: Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	ASTM D 3359	5B
GLOSS @ 60°	ASTM D 523	1 - 5 UB
IMPACT (REVERSE)	ASTM 2794	Minimum 43 Lb.in
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Minimum 3 mm

CHEMICAL RESISTANCE ***

Salt spray: Minimum 720 h (ASTM B117 - 03)
Humidity: Minimum 1000 h (89,6 °F)

* 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: 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.

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