

POLITHERM 20 R ME SALMON 81251 SB

PRODUCT: 13894904

DESCRIPTION / USES Surfaces exposed to outdoor environment.

ATTENTION:

Resistance: Metallic paints are sensitive to scratches and exhibit variable wear depending on the use situation of the parts. Metallic appearance may change in situations such as heavy handling, contact with chemicals (including cleaning products), friction between parts or abrasive objects.

Protection: To protect the film from this wear and tear we recommend the application of a uniform layer of glossy polyester powder varnish. It should be noted that this procedure decreases the metal effect to varying degree, depending on the level of metallization of the paint. For non-gloss finishes it is recommended to pre-test the use of varnishes with lower gloss. The application of the varnish should be done after the partial cure of the metallic paint

Application: Metalized powder paints must follow strict controls in the application process in order to reduce shade variations. This occurs when there is variation of gun tension, applied layer, air flow, application shape, and part shape and substrate type. One must also avoid overpainting, the use of recovered paint and the presence of different pieces of dough in the same furnishing. The delivery conditions (time / temperature / distribution of parts) can also cause differences in the metallic effect. In summary, each applicator must find the best parameters for a more homogeneous result.

CHARACTERISTICS:

Resin:	Epoxy/polyester
Specific gravity:	1,60 ± 0,10 g/cm ³
Stability:	12 month (máx. 30°C)
Observations:	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 at 200 °C**
Thickness:	50 – 70 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS***:

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	GR0
GLOSS	WPS-3854	Visual std.
IMPACT (REVERSE)	WPS-4130	Min. 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	WPS-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 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.

STORAGE: Fresh, dry and covered place.

COPY FOR INFORMATION

WEG TINTAS LTDA - CNPJ 12.006.058/0001-21

Matriz: Rodovia BR 280, Km 50 - Fone: (+55) (47) 3276-4000 - Fax: (+55) (47) 3276-5500 - CEP 89270-000 - Guaramirim – SC

Filial: PAUMAR S.A. INDÚSTRIA E COMÉRCIO – CNPJ 60.621.141/0001-53

Rua Dr. Ulysses Guimarães, 918 - Fone: +55 (11) 4547-6100 – CEP 09372-050 - Mauá – SP

EMERGÊNCIA: (+55) 0800 720 8000 - E-mail: tintas@weg.net - www.weg.net

Page 1 of 1