



## POLITHERM 16 R ME GREY 70366 SM

**PRODUCT:** 16949644

**DESCRIPTION / USES:** Metallic parts coating for outdoor use.

**IMPORTANTE:** Resistance: Metallic paints are sensitive to risks and present variable wear depending on the situation of use of the parts. The metallic appearance may undergo some changes in situations such as intense handling, contact with chemicals (including some cleaning products), friction between pieces or with more abrasive objects. Protection: To protect the film against this wear, we recommend applying an even coat of gloss polyester varnish. It should be noted that this procedure reduces the metallic effect to a variable degree, depending on the level of metallization of the paint. For non-glossy finishes, it is recommended to first try the use of lower gloss enamels. Barn application should be done after the metallic paint has fully cured. Application: Metallic paints on octopus must follow strict controls in the application process to reduce variations in color tone. Such variations occur when there is variation in gun tension, thickness of the applied layer, air flow, application method and also the shape and type of substrate. Repainting, the use of recovered octopus and the presence of different parts of dough at the same time should also be avoided. The conditions of the horn (time, temperature, parts layout) can also cause differences in the metallic effect. Ultimately, each applicator must find the best parameters for a more homogeneous result.

### CHARACTERISTICS:

|                         |                       |
|-------------------------|-----------------------|
| <b>Resin:</b>           | Poliéster             |
| <b>Specific weight:</b> | 65 Lb/in <sup>3</sup> |
| <b>Stability:</b>       | 6 months (max. 86 °F) |

### APPLICATION CHARACTERISTICS:

|                             |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| <b>Surface:</b>             | Ferrous and non-ferrous                                                      |
| <b>Surface preparation:</b> | Ferrous : Phosphatization<br>Non-ferrous: Chromatization or phosphatization* |
| <b>Cure conditions:</b>     | 10 minutes at 392 °F                                                         |
| <b>Thickness:</b>           | 2,4 - 3,1 mils                                                               |
| <b>Application system:</b>  | Electrostatic gun                                                            |

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

| TEST                        | METHOD               | SPECIFICATION      |
|-----------------------------|----------------------|--------------------|
| ADHESION                    | ASTM D 3359          | 5B                 |
| GLOSS @ 60°                 | ASTM D 523           | Standard compliant |
| IMPACT (REVERSE)            | ASTM 2794            | Minimum 35 Lb.in   |
| FLEXIBILITY (CONIC MANDREL) | ASTM D 790 / ISO 178 | Minimum 5 mm       |

### CHEMICAL RESISTANCE \*\*\*

|                    |                                |
|--------------------|--------------------------------|
| <b>Salt spray:</b> | Minimum 300 h (ASTM B117 - 03) |
| <b>Humidity:</b>   | Minimum 500 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:** 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.

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Review: 0

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