

## POLITHERM 16 R TX GRAPHITE W RAL 7010 BR

**PRODUCT:** 14686355

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

**ATTENTION:** For the formation of the original texture of the product it required the curing oven is preheated in curing temperature shown in this bulletin.

### CHARACTERISTICS:

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| <b>Resin:</b>            | Polyester                                                                     |
| <b>Specific gravity:</b> | 1,64 ± 0,10 g/cm <sup>3</sup>                                                 |
| <b>Stability:</b>        | 12 month (max. 30°C)                                                          |
| <b>Observations:</b>     | Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011 |

### 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 200 °C**                                                      |
| <b>Thickness:</b>           | 50 – 70 µm                                                                  |
| <b>Application system:</b>  | Electrostatic gun                                                           |

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

| TEST                                                                                                | METHOD   | SPECIFICATION  |
|-----------------------------------------------------------------------------------------------------|----------|----------------|
| ADHESION                                                                                            | WPS-3905 | GR0            |
| GLOSS @ 60°                                                                                         | WPS-3854 | Visual std.    |
| IMPACT (REVERSE)                                                                                    | WPS-4130 | Min 40 kg X cm |
| FLEXIBILITY (CONIC MANDREL)                                                                         | WPS-4856 | Max 5 mm       |
| <b>NOTE:</b> There may be, between batches, some variation in color tone around the color standard. |          |                |

### CHEMICAL RESISTANCE \*\*\*

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