

## POLITHERM 36 NOBAC R GREY N6,5 BR

**PRODUCT:** 10006045

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

**ANTIMICROBIAL ACTION:** The NOBAC powder coatings inhibit the growth of bacteria on the painted surface with proven performance in accordance with norm JIS Z 2801: 2000. This rule evaluates the effectiveness by analyzing inhibition in 24 hours, the microbial growth of the two most common bacteria: Escherichia coli and Staphylococcus aureus. The NOBAC line was evaluated by an independent laboratory, with a microbial reduction to 99.9% according to norm JIS Z 2801: 2000.

### CHARACTERISTICS:

<b>Resin:</b>	Polyester
<b>Specific gravity:</b>	1,63 ± 0,10 g/cm <sup>3</sup>
<b>Stability:</b>	12 month (max. 30°C)
<b>Observations:</b>	Free of heavy metals and other substances provided for in Directive 2015/863 EU of 03/31/2015 (RoHS).

### APPLICATION CHARACTERISTICS:

<b>Surface:</b>	Ferrous and non-ferrous
<b>Surface preparation:</b>	Ferrous : Phosphatization 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	ASTM D 3359	GR0
GLOSS @ 60°	ASTM D 523	Min 90
IMPACT (REVERSE)	ASTM 2794	Min 50 kg X cm
FLEXIBILITY (CONIC MANDREL)	ASTM D 790 / ISO 178	Max 3 mm

### CHEMICAL RESISTANCE \*\*\*

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