POLITHERM 16 R SM FLUORESCENT YELLOW 27820 BR

PRODUCT: 14332538

DESCRIPTION / USES: Metallic parts coating for outdoor use.

ATTENTION

To obtain the maximum fluorescence effect, it is necessary to apply it over applied and cured white powder coating. The shade of color varies depending on the thickness of the finish coat, so it is important to maintain uniformity in the application. Variations can also occur between varnish lots depending on the variation that exists within the shade limits of the dyes used.
The fluorescent effect gradually present with exposure to natural weathering due to the characteristics of the pigment used. This fact does not alter the protective properties of the powder coating. This does not alter the paint's protective properties. Due to the technical characteristics of the fluorescent pigments used, this product may contain small colored dots.

CHARACTERISTICS:

Resin:	Polyester
Specific gravity:	1,20 ± 0,10 g/cm^3
Stability:	12 month (max. 30ºC)
Observations:	Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011

APPLICATION CHARACTERISTICS:

Surface:	Ferrous and non-ferrous
Surface preparation:	Ferrous : Phosphatization Non-ferrous: Chromatization or phosphatization*
Cure conditions:	10 minutes at 200 ºC**
Thickness:	70 – 90 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS:***

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905	: GR0
GLOSS @ 60°	WPS-3854	: Visual std

NOTE: There may be, between batches, some variation in color tone around the color standard.

CHEMICAL RESISTANCE ***

Salt spray:	: Min. 300 h (ASTM B117 – 03)
Humidity:	: Min. 500 h (35ºC)

* 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.