

POLITHERM 96 WFQ R SM WHITE 60049 BR

PRODUCT: 14590584

QUALICOAT P-1031

DESCRIPTION / USES: Coating for architectural aluminum and galvanized steel, suitable for outdoor use. Politherm 96 WQF Series is Qualicoat certified in Class 1, gloss category 3.

CHARACTERISTICS:

Resin:	Polyester
Specific gravity:	1,47 ± 0,10 g/cm ³
Stability:	6 month (max. 30°C)
Note:	Free of heavy metals according to the RoHS Directive 2011/65/UE of 08/06/2011

APPLICATION CHARACTERISTICS:

Surface:	Aluminum, galvanized steel
Surface preparation:	Aluminum: Chromatisation or chrome free chromatisation Galvanized steel: Phosphatization (zinc or tricationic)
Cure conditions:	7 - 15 minutes at 200 °C* 15 - 30 minutes at 190 °C*
Thickness:	60 – 80 µm
Application system:	Electrostatic gun

AFTER CURE CHARACTERISTICS:**

TEST	METHOD	SPECIFICATION
ADHESION	WPS-3905, EN ISO 2409,	: Grade 0
GLOSS @ 60°	WPS-3854, EN ISO 2813	: 95 ± 5 GU
IMPACT TEST (15,9mm diameter indenter)	WPS-4130, ASTM D 2794	: Min 50 kg.cm (4,90 Nm)
CUPPING TEST	WPS-3804, EN ISO 1520	: Min. 5 mm
INDENTATION	WPS-4899, EN ISO 2815	: Min. 80
BEND TEST (5 mm diameter cilinder)	WPS-4823, EN ISO 1519	: No cracking or detachment
FLEXIBILITY (conic mandrel)	WPS-4856	: Max 3 mm

CHEMICAL RESISTANCE:**

Salt spray:	: Min. 1000 h (EN ISO 9227)
Humidity:	: Min. 1000 h (EN ISO 6270)

* After stabilization on correct temperature (metal temperature).

** Chemical resistance tests were performed using chromatised aluminum panels. Mechanical strength tests were performed on degreased aluminum panels. Values may vary depending on the substrate and pre-treatment.

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.