

SOLCOAT[®] PVDF 25

Applications

Ideally suited for very demanding atmosphere where the material is submitted to harsh UV radiation.

Recommended applications areas

Rural, normal urban or industrial areas where the level of corrosion is between low to moderate. Areas with low level of salinity located further than 3 km from the coast. Altitudes above 900 meters and subjected to strong UV rays.

Description

DESCRIPTION	RESULT	STANDARD
Thickness	25/7 µm	EN 13523-1
Specular gloss (60°) *	As per color sample ± 6 G.U	EN 13523-2
Colour difference *	Light color $\Delta E \leq 0,8$ Medium color $\Delta E \leq 1,0$ Dark color $\Delta E \leq 1,2$	EN 13523-3

*Coated Solutions standard values. Further properties available upon request

Properties

TEST	RESULT	STANDARD
Pencil hardness	H	EN 13523-4
Impact resistance	18 J	EN 13523-5
Resistance to Delamination (Indentation)	7 mm	EN 13523-6
Resistance to Delamination (T-Bend)	≤ 1T	EN 13523-7
Resistance to Fissuration (T-Bend)	≤ 2T	EN 13523-7
Corrosion resistance**		
· Salt spray test	360 h	EN 13523-8
· Corrosion resistance category	RC3	EN 10169-2
Resistencia a los UV		
· QUV test (UVA+H ₂ O) (2000 h)	$\Delta E \leq 2$; GR ≤ 80 %	EN 13523-10
· UV resistance category	RUV4	EN 10169-2
Resistance to solvent (MEK)	120 dr	EN 13523-11
Resistance to humidity**	1000 h	EN 13523-26
Reaction to fire classification	A1	EN 13501-1

**Mass and type of coating: Z225, ZA200, AZ120 or ZM100