

SOLCOAT[®] PE 35

Applications

Applications in the form of panels or other exterior building components that are used in normal conditions in exterior cladding, including garage doors or exterior roofing, including tile panels.

Recommended applications areas

Rural, normal urban or industrial areas where the level of corrosion is between low to severe.
Areas with low level of salinity located further than 1 km from the coast.
Altitudes above 900 meters and therefore subjected to strong UV rays.

Description

DESCRIPTION	RESULT	STANDARD
Thickness	35/7 μm	EN 13523-1
Specular gloss (60°) *	30% \pm 6%	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)	$\leq 1T$	EN 13523-7
Resistance to Fissuration (T-Bend)	$\leq 2T$	EN 13523-7
Corrosion resistance**		
· Salt spray test	500 h	EN 13523-8
· Corrosion resistance category	RC4	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**	1500 h	EN 13523-26
Reaction to fire classification	A1	EN 13501-1

**Mass and type of coating: Z225, ZA200 o AZ150