

SOLCOAT® PU 25

Applications

Interior and exterior industrial applications requiring suitability for bending. The high flexibility of the polyurethane paint ensures good coverage on even the most critical folds.

Recommended applications areas

Rural, urban, or industrial environments where the level of corrosion is between low and moderate.

Facilities located more than 3km from coastal areas.

Altitude below 900m and low UV exposure.

Description

DESCRIPTION	RESULT	STANDARD
Thickness	25/7 µm	EN 13523-1
Specular gloss (60°) *	30% ± 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)	$\leq 0.5T$	EN 13523-7
Resistance to Fissuration (T-Bend)	$\leq 1T$	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+H2O) (2000 h)	$\Delta E \leq 3$; GR ≤ 60 %	EN 13523-10
· UV resistance category	RUV3	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 o AZ150