

Technical Data Sheet (General Flat Product)



Properties	<ul style="list-style-type: none">• Good UV resistance• Good corrosion resistance• Good formability• Thermosetting paint• Surface treatment and paint: free of hexavalent chromium and heavy metals	
Applications	External uses: construction (cladding, roofing and accessories, insulated panels)	
Description	Thickness	25 microns
	Composition	Front: 5 microns primer + 20 microns top coat Back: 5, 7, 10 or 12 microns backing coat Double-side finish available
	Gloss (Gardner 60°)	30 GU Other gloss levels on request
	Colours	Colour palette Other colours on request
	Appearance	Smooth
	Temporary protection (optional)	Self-adhesive film or heat-sealed film on smooth coating
	Performance	Adhesion of the coating (T-bend)
Resistance to cracking on bending (T-bend)		≤ 3 T
Impact resistance		18 J
Surface hardness (pencil)		HB to H
Clemen scratch resistance		≥ 2 kg
Corrosion resistance:		
• Salt spray test		360 hours
• Corrosion resistance category		RC3
Condensation resistance (QCT)		1000 hours
UV resistance:		
• QUV (UVA + H ₂ O) test (2000 hours)		ΔE ≤ 3; GR ≥ 60%
• UV resistance category		RUV3
Fire behaviour classification (EN 13501-1)		A1
Resistance to acids and bases		Good to very good
Resistance to solvents:		
• Aliphatics and alcohols	Very good	
• Ketones	Low	
• Aromatics	Good to very good	
Resistance to mineral oils	Very good	
Maximum continuous operating temperature	100 °C	
Guarantee	<ul style="list-style-type: none">• Non-perforation of the sheet metal ≤ 10 years, depending on the external environment• Non-delamination of the paint ≤ 10 years, depending on the external environment• Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%) ≤ 5 years, depending on the geographic location and the paint color category	
Remarks	These performance characteristics refer specifically to metallic coating Z225	