



**MAZZONETTO Spa**

Via A. Ceccon, 10 - 35010 Loreggia (PD)

t. +39 049 9322611 - f. +39 049 9322650

mazzonetto@mazzonettometalli.it

www.mazzonettometalli.it



## Prepainted galvanized steel for roofing and cladding /SURFACES

<b>Reference standard:</b>	
UNI EN 10346; UNI EN 10169-1; UNI EN 13523 ; UNI EN 10143	
<b>Technical features:</b>	
Base metal	<b>DX53D + Z</b> <b>DX51D + Z</b>
Reference standards	UNI EN 10346 ; UNI EN 10169-1
Nature of coating	Zinc + K2 surface
Galvanization	225 g/ m <sup>2</sup>
Protection film thickness	Front side: 35µm K2 surface Back side: 25µm polyester
Standard colors	RAL 9006 – RAL 7016 – RAL 7037 - RAL 9002 – Testa di Moro– Copper Roof
Gloss	30 GU
Class of reaction of fire	A1
<b>Mechanical features:</b>	
Tensile strength	<b>DX53D + Z:</b> From 270 to 380 MPa <b>DX51D + Z:</b> From 250 to 500 MPa
Yield strength	<b>DX53D + Z:</b> From 140 to 260 MPa <b>DX51D + Z:</b> -
Elongation	<b>DX53D + Z:</b> 30% min. <b>DX51D + Z:</b> 22% min.
Cracking resistance in bending (bend testing)	≤ 2,0 T
Coating adhesion	≤ 1,0 T
Pencil hardness	H
Corrosion resistance	- salt spray test: 500 h - corrosion resistance category: RC4
UV rays resistance	- QUV test 2000 h - Class of UV resistance: RUV4
<b>Dimensional characteristics:</b>	
Standard thicknesses	<b>DX53D + Z:</b> all colors 0.55 mm <b>DX51D + Z:</b> all colors 0.55 mm / Copper Roof available also with thickness 0.75 mm
Standard widths	<b>DX53D + Z:</b> 670 mm – 1340 mm <b>DX51D + Z:</b> available in all widths
Coil weight	From 250 to 5000 kg
<b>Use:</b>	
Profiling, bending, calendaring. Reference standards UNI EN 612	
<b>Warranty:</b>	
Resistance to perforation	15 years, depending on the external environment
Resistance to paint delamination	15 years, depending on the external environment
Aesthetic appearance (ΔE ≤ 3; gloss retention ≥ 80%)	5 years, depending on the geographical area and on the paint color category