



**MAZZONETTO Spa**

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pre-painted aluminum VESTIS / SURFACES



<b>Reference standard:</b>	
UNI EN 1396, UNI EN 573-3, UNI EN 485, UNI EN 13523, UNI EN 13501	
<b>Technical features:</b>	
Base metal	Aluminium 99.5%
Alloy type	Alloy series 3000
Temper	H41
<b>FRONT SIDE</b> coating	35 µm K2 surface (+/- 3 µm)
<b>BACK SIDE</b> coating	25 µm super-polyester
Colors	Copper - Verde – Grigio – Testa di Moro RAL 7016 – RAL 9006 – RAL 7037 – RAL 9002 – Black Graphite
Brilliance	- Copper - Verde – Grigio: 15 GU - Testa di Moro - RAL 7016 – RAL 9006 – RAL 7037 – RAL 9002: 30 GU - Black Graphite: 5 GU
Reaction to fire classification	A1
<b>Chemical composition:</b>	
Manganese (Mn)	1.0 – 1.5 %
Magnesium (Mg)	0.2 – 0.6 %
Iron (Fe)	0.7 %
Silicon (Si)	0.6 %
<b>Mechanical properties:</b>	
Tensile strength	130 – 180 Mpa
Elongation	8.00 % min.
Cracking resistance in bending (bend testing)	≤ 1,5 T
Coating adhesion	≤ 1,0 T
Surface hardness "pencil"	H
Corrosion Resistance	hours salt spray test: 1500 h
UV resistance	Test QUV 2000 h Class of UV resistance: RUV4
<b>Dimensional characteristics:</b>	
Standard thickness	0.80 mm
Standard width	1200 mm
Coil weight	from 250 to 3000 kg
<b>Applications:</b>	
Profiling, bending, calendering according to UNI EN 612	
<b>Use:</b>	
Civil, industrial, commercial and residential building	