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prepainted aluminum VESTIS / SURFACES

Reference standard:	
UNI EN 1396, UNI EN 573-3, UNI EN 485, UNI EN 13523, UNI EN 13501	
Technical features:	
Base metal	Aluminium 99,5%
Alloy type	Alloy series 3000
Temper	H44
FRONT SIDE coating	35 µm 3D surface (+/- 3 µm)
BACK SIDE coating	25 µm super-polyester
Colors	Dolomites Grey
Brilliance	Dolomites Grey: 5 GU
Reaction to fire classification	A1
Chemical composition:	
Manganese (Mn)	1,0 – 1,5 %
Magnesium (Mg)	0,2 – 0,6 %
Iron (Fe)	0,7 %
Silicon (Si)	0,6 %
Mechanical properties:	
Tensile strength	130 – 180 Mpa
Elongation	3,00 % min.
Cracking resistance in bending (bend testing)	≤ 1,5 T
Coating adhesion	≤ 1,0 T
Surface hardness "pencil"	H
Corrosion Resistance	salt spray test: 1500 h
UV resistance	Test QUV 2000 h Class of UV resistance: RUV4
Dimensional characteristics:	
Standard thickness	0.80 mm - 1.00 mm
Standard widths	1000 mm – 1250 mm - All widths on request
Coil weight	from 50 to 3000 kg
Applications:	
Profiling, bending, calendering according to UNI EN 612	
Use:	
Civil and industrial building industry	