



vestis

preainted aluminium VESTIS Gold

TECHNICAL DATA SHEET – February 2021

GENERAL DESCRIPTION	
Description	High resistance preainted aluminium with excellent workability, for standing seam, profiling and cladding.
Applications	Roofs and facades.

TECHNICAL CHARACTERISTICS	
Reference standard	UNI EN 1396
Alloy	3005 series
Temper	H41

DIMENSIONAL CHARACTERISTICS	
Reference standard	UNI EN 485-4
Standard thickness	0,80 mm (+/-0,06)
Standard widths	1200 mm
Coil weight	from 75 kg till 3000 kg

CHEMICAL COMPOSITION (by weight -%)								
Reference standard	UNI EN 573-3							
Elements	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
Min.				1.0	0.2			
Max.	0.7	0.8	0.30	1.5	0.6	0.10	0.40	0.10

MECHANICAL PROPERTIES		
Reference standard	UNI EN 485-2	
Yield strength Rp0,2 (MPa)	Tensile strenght Rm (MPa)	Elongation A50 (%)
Min. 80	130-180	Min. 8

PRODUCT CHARACTERISTICS		
Test	Reference standard	
Color coating measurement	EN 13523-3	ΔE max 1,2, light and viewing angle 45° / 0°
Coating adhesion after indentation (cupping test)	EN 13523-6	GT0
Bending test	EN 13523-7	T1
Corrosion resistance	EN 13523-8	Minimum 2
UV resistance class	EN 13523-10	RUV3
Fire reaction class	EN 13501	A1

COATING CHARACTERISTICS		
	Reference standard	
A side coating	EN 13523-1	20 μm (\pm 3 μm)
B side coating (light gray colour)	EN 13523-1	5 μm (\pm 1 μm)

COATING CHARACTERISTIC: GLOSS		
	Reference standard	
Gold	EN 13523-2	4 GU (\pm 2 GU)