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## NATURAL ALUMINIUM ALLOY 3005 H12

<b>Reference standard</b>	
UNI EN 485-2 ; UNI EN 573-3 ; UNI EN 485-4	
<b>Technical features:</b>	
Alloy type	EN-AW 3005 (AlMn1Mg0,5)
Temper	H12
<b>Chemical composition:</b>	
Silicon (Si)	0 - 0.60%
Iron (Fe)	0 - 0.70%
Manganese (Mn)	1.00-1.50%
Magnesium (Mg)	0.20 – 0.60%
Zinc (Zn)	0 - 0.25%
Titanium (Ti)	0 - 0.10%
Copper (Cu)	0 - 0.30%
<b>Mechanical properties:</b>	
Tensile strength	145-195 MPa
Elongation	4% min.
Hardness	46HBW
Resistance to bending	1,5 t
<b>Dimensional characteristics:</b>	
Standard thickness	0.7 mm
Standard widths	500 mm - 600 mm - 650 - 1300 mm
Coil weight	From 250 to 3000 kg
<b>Use:</b>	
Civil and industrial building industry, roofing and cladding	