



ZAINONE was born with a bold vision: to establish itself as the international benchmark in coating technologies of Aluminum coils.

Our approach is centered around collaboration, transparency, and trust, fostering strong partnerships with our valued clients, suppliers, shareholders, and the communities we impact.

Quality Control

At Zain One, we understand the requirements of rain gutter manufacturers: reliability, quality, and consistency in every coil. With our advanced coating technology, we achieve vibrant, long-lasting finishes that resist corrosion and weathering — qualities essential for creating durable, low-maintenance gutter systems that appeal to end customers.

Highlights:

- Corrosion and UV resistant
- Wide range of colors and patterned designs
- Excellent mechanical properties
- Flexibility and formability
- Exceptional Color consistency



Pre-painted Aluminum for Rain Gutters

Standard Paint System

RAIN GUTTERS

Technical Specifications For Rain Gutters

	STANDARD COLOR		NATURAL COPPER		PATINATED COLOR	
Coating	PU Primer + HDPE Top coat		PU Primer + HDPE Top coat		PU Primer + HDPE Top coat + PE clear coat	
Film Thickness	Top side	Bottom side	Top side	Bottom side	Top side	Bottom side
	≥ 21 μm	≥ 7 μm	≥ 17 μm	≥ 17 μm	≥ 38 μm	≥ 7 μm
Gloss 60 °	30-80 GU		30-50 GU		10-40 GU	
UV Resistance	RUV4 ⁽¹⁾ 2000h UVA (250 cycles): 60-80% GR ⁽¹⁾		RUV4 ⁽¹⁾ 2000h UVA (250 cycles): 60-80% GR ⁽¹⁾		RUV4+ ⁽¹⁾ 2000h UVA (250 cycles): 70-90% GR ⁽¹⁾	
Corrosion Resistance	Excellent corrosion resistance 15 years warranty ⁽²⁾⁽³⁾		Excellent corrosion resistance 15 years warranty ⁽²⁾⁽³⁾		Very high corrosion resistance 18 years warranty ⁽²⁾⁽³⁾	
Bending Properties	0-0.5 T NPO; 1 T NC		0-0.5 T NPO; 1 T NC		0-0.5 T NPO; 0.5-1 T NC	
Chemical Resistance	Good chemical resistance ⁽³⁾		Good chemical resistance ⁽³⁾		Excellent chemical resistance ⁽³⁾	

- (1) Performance values varies with saturated and metallic color and substrate types.
 (2) Coating integrity warranty excludes damaged surfaces which may result from incorrect cleaning, forming storage, cutting, stamping, joining, assembly, etc. in accordance with EN 1396
 (3) Performance can vary based on end user environment.

Aluminum Mechanical Properties

	3105- 4116 H44		8006 H0		3105-4116 H42	
	Min.	Typical	Min.	Typical	Min.	Typical
Tensile Strength (N/mm)	140	150-200	80	90-140	120	130-180
Yield Strength (N/mm)	120	150	30	40-80	105	140
Elongation (%)	3	5-10	20	20-30	6	8-12

* Alloy is in compliance with EN 573-3; * Dimension is in compliance with EN 485-2

Product Standard Dimension

Standard Thicknesses (mm)	0.60; 0.70; 0.80; 1.00 (Other thickness upon request)
Standard Widths (mm)	1,000; 1,150; 1,250; 1,524 (Other width upon request)
Outside Diameter	1,800 mm maximum
Inside Diameter	400 mm minimum
Coil Weight	300 - 3,000 kg
Transport Packaging	Standard wooden pallet (Other packaging upon request)



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