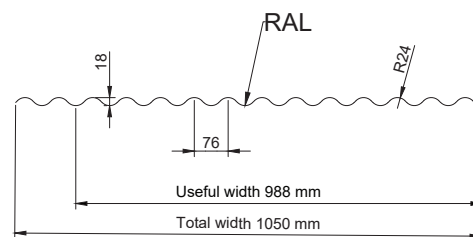
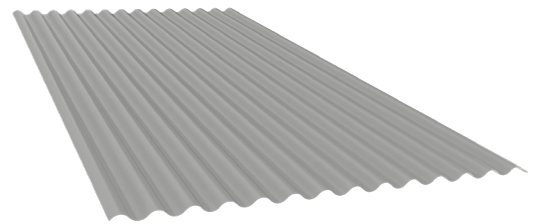




Ondu 18 is a profiled metal sheet, ideal for covering the roof of industrial, commercial, agricultural, sporting or cultural buildings.

Ondu 18 roof - technical characteristics

Material	Pre-painted steel sheet			
Available thickness (mm)	0.45 0.50 0.60 0.75			
Steel class	minimum S250GD			
Minimum zinc coverage (g/m ²)	275			
Exterior paint coating (µm)*	SP L	SP MAT	PVDF	PUR NOVA
	25	35	25	55
RUV/RC	RUV2/RC2	RUV4/RC4	RUV4/RC4	RUV4/RC5
Total width (mm)	1050			
Useful width (mm)	988			
Weight (kg/m ²)	5 - 7.5			
Minimum length** (mm)	1500			
Maximum length - recommended (mm)	12500			
Corrugation height (mm)	18			
Minimum slope - recommended***	degrees (°)	3/7		
	percentage (%)	5/12		



The values in sections are expressed in mm.

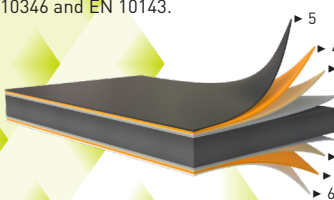
*SP L - Glossy Polyester
 SP MAT - Super Matt Polyester
 PVDF - Polyvinylidene fluoride
 PUR NOVA - Mat Polyurethane

**For lengths below 1500 mm we have an additional cutting charge.

***The minimum recommended slope is 7°, but after the project analysis (if the roof has no longitudinal or diagonal joints), it can be reduced to 3°.

Steel type and structure

Minimum steel class S250GD steel with 275 g/m² Zinc coating, according to EN 10346 and EN 10143.



- 1 ▶ Steel
- 2 ▶ Zinc coating
- 3 ▶ Passivation coating
- 4 ▶ Primary protection coating
- 5 ▶ Exterior paint coating
- 6 ▶ Interior paint coating

- Optimized
- Lightweight
- Adaptable
- Easy fitting
- Extended lifespan
- Sustainable






Management System
 ISO 9001:2015
 ISO 14001:2015
 ISO 45001:2018
 www.tuv.com
 ID 9105046705



Weights

Thickness (mm)	Mass (kg/m)	Useful length (m)	Mass (kg/m ²)	M _d (Nm/m)	I _{off} (mm ⁴ /mm)
0.50	4.88	0.988	4.94	637	20
0.60	5.86	0.988	5.93	743	23
0.75	7.51	0.988	7.60	929	29

Load

Load (kg/m ²)	Thickness (mm)	Simple span	Double span	Multiple span
				
100	0.50	1.2	1.6	1.5
	0.60	1.2	1.7	1.5
	0.75	1.3	1.8	1.7
150	0.50	1.0	1.4	1.3
	0.60	1.1	1.5	1.4
	0.75	1.2	1.6	1.5
200	0.50	0.9	1.3	1.2
	0.60	1.0	1.3	1.2
	0.75	1.1	1.4	1.3
250	0.50	0.9	1.2	1.1
	0.60	0.9	1.2	1.1
	0.75	1.0	1.3	1.2
300	0.50	0.8	1.1	1.0
	0.60	0.9	1.2	1.1
	0.75	0.9	1.3	1.2