



TR45F is a profiled metal sheet, ideal for covering the façade of industrial, commercial, agricultural, sporting or cultural buildings.

TR45 façade - technical characteristics

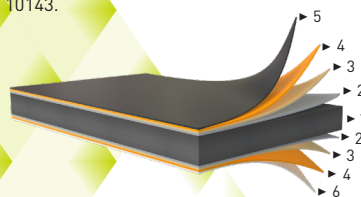
Material	Pre-painted steel sheet			
Available thickness (mm)	0.45 0.50 0.60 0.75			
Steel class	minimum S250GD			
Minimum zinc coverage (g/m ²)	275			
Exterior paint coating (µm)*	SP L	SP MAT	PVDF	PUR NOVA
	25	35	25	55
RUV/RC	RUV2/RC2	RUV4/RC4	RUV4/RC4	RUV4/RC5
Total width (mm)	1040			
Useful width (mm)	1000			
Weight (kg/m ²)	4.4 - 7.5			
Minimum length** (mm)	1500			
Maximum length - recommended (mm)	12500			
Corrugation height (mm)	45			

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

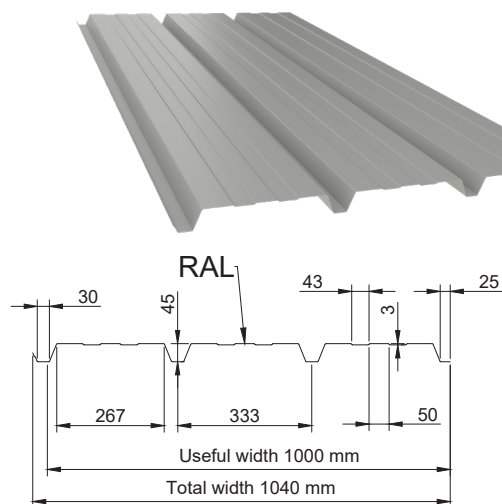
**For lengths below 1500 mm we have an additional cutting charge.

Steel type and structure

Minimum 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



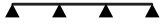
The values in sections are expressed in mm

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

Weights

Thickness (mm)	Mass (kg/m)	Useful length (m)	Mass (kg/m ²)	M _d -pos (Nm/m)	M _d -neg (Nm/m)	I _{eff} -pos (mm ⁴ /mm)	I _{eff} -neg (mm ⁴ /mm)
0.5	4.88	1.00	4.88	1176	910	112	119
0.6	5.86	1.00	5.86	1434	1229	142	158

Load

Load (kg/m ²)	Thickness (mm)	Simple span 	Double span 	Multiple span 
40	0.50	3.50	3.90	4.30
	0.60	3.70	4.60	4.60
60	0.50	3.10	3.10	3.40
	0.60	3.30	3.70	4.00
80	0.50	2.80	2.60	2.90
	0.60	3.30	3.10	3.50
100	0.50	2.60	2.20	2.50
	0.60	2.70	2.70	3.10
150	0.50	2.30	1.70	1.90
	0.60	2.40	2.10	2.40