

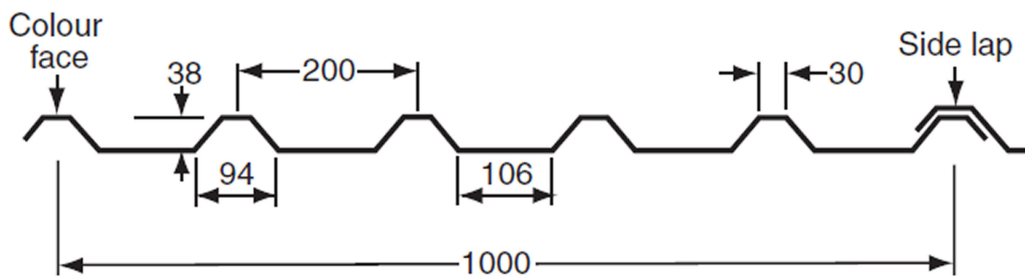


When the building process requires the use of heavy duty cladding the AIR 38/1000 is the ideal solution, combining robust construction with an attractive appearance designed to augment the features of any contemporary architecture.

The inherent strength and high impact resistance of this product also allow it to be utilised as a high performance liner tray or decking sheet.

PROFILES

Roof Sheet CAF 38/1000R



Wall Sheet CAF 38/1000W



Reverse profile - dimensions as above

FINISHES

The AIR 38/1000 profile is available in both steel and aluminium in various gauges, finishes and colours.

FIRE RATING

AIR 38/1000 profiled sheets comply with BS476: Part 7 and Class O in accordance with current Building Regulations.

The AIR 38/1000 sheets may be incorporated into a "firewall" giving up to 4 hours protection in an "off the boundary" situation.

FIXING

Fixing should commence at the eaves of the roof slope or foot of a wall.

Each sheet should be fixed using a minimum of 3 fasteners per sheet to purlin or rail and not less than 40mm from the end of the sheet. We would recommend one fixing in every trough. If the building is in exposed areas then additional fixings may be required.

SAFE LOAD TABLES

(Based on the European recommendations for the design of profiled sheeting)

AIR 38/1000R

SITUATION	NOMINAL THICKNESS	SPAN CONDITION	LOAD TYPE	ALLOWABLE LOAD IN kN/m ² FOR SPANS							
				1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75
STEEL TO BSEN 10147:2004 S220G275DZ											
ROOF	0.70mm	SINGLE	SUPER	10.18	6.51	3.97	2.50	1.67	1.18	0.86	0.64
			WIND UPLIFT	11.63	6.85	3.97	2.50	1.67	1.18	0.86	0.64
		DOUBLE	SUPER	10.18	6.51	4.52	3.32	2.54	2.01	1.63	1.35
			WIND UPLIFT	11.63	7.44	5.17	3.80	2.90	2.30	1.86	1.54
		MULTI	SUPER	12.72	8.14	5.65	4.15	3.18	2.51	2.04	1.55
			WIND UPLIFT	14.54	9.30	6.46	4.75	3.63	2.83	2.06	1.55

NOTES

- Deflection Limit – L/250
- Recommended roof pitch 6°