



Construction
Metal Forming

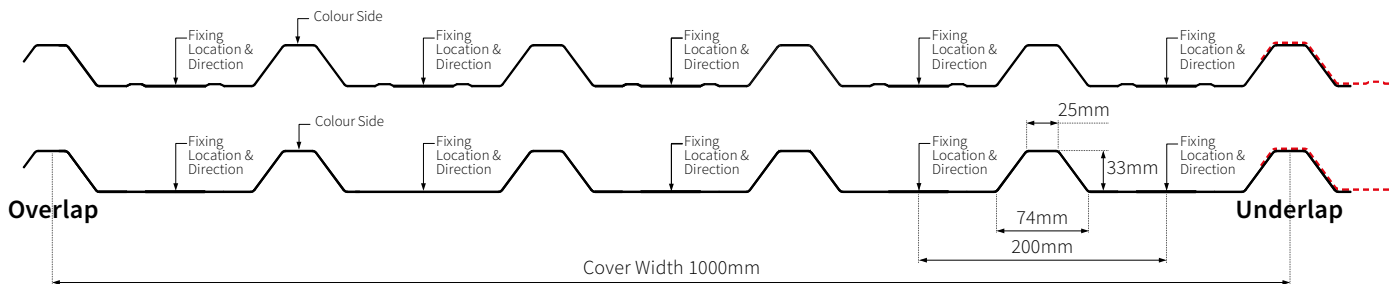
MetClad® D33

TRAPEZOIDAL CLADDING PROFILE ROOF - FORWARD - STEEL GRADE S220

MetClad® D33 has exceptional spanning capabilities. The result – a highly cost-effective, attractive, and easy-to-install cladding solution.



FORWARD: AVAILABLE WITH OR WITHOUT SWAGES



	Span [m]	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	
		Gravity	Single	4.15	3.69	3.32	3.02	2.68	2.28	1.97	1.71	1.51	1.33	1.12	0.95	0.82	0.70	0.61	0.54	0.47	0.42	0.37	0.33	0.30	0.27
	Double	2.58	2.19	1.89	1.64	1.45	1.29	1.15	1.03	0.94	0.85	0.78	0.72	0.66	0.61	0.57	0.53	0.49	0.46	0.43	0.40	0.38	0.36	0.34	
	Multi	3.04	2.59	2.23	1.95	1.72	1.53	1.37	1.24	1.12	1.02	0.93	0.86	0.79	0.73	0.68	0.63	0.59	0.55	0.52	0.49	0.46	0.43	0.40	
0.5mm	Uplift	Single	4.15	3.69	3.32	2.89	2.43	2.07	1.78	1.55	1.37	1.21	1.08	0.96	0.82	0.71	0.62	0.54	0.48	0.42	0.37	0.33	0.30	0.27	0.24
	Double	2.68	2.28	1.97	1.72	1.52	1.35	1.21	1.09	0.99	0.90	0.82	0.76	0.70	0.65	0.60	0.56	0.52	0.49	0.46	0.43	0.40	0.38	0.36	
	Multi	3.14	2.68	2.32	2.03	1.80	1.60	1.44	1.30	1.18	1.08	0.99	0.91	0.84	0.78	0.72	0.67	0.63	0.59	0.55	0.52	0.49	0.45	0.41	
0.7mm	Gravity	Single	8.24	7.32	6.05	5.00	4.20	3.58	3.09	2.69	2.36	2.00	1.68	1.43	1.23	1.06	0.92	0.81	0.71	0.63	0.56	0.50	0.45	0.40	0.36
	Double	4.57	3.84	3.29	2.85	2.49	2.20	1.96	1.75	1.58	1.43	1.30	1.19	1.09	1.01	0.93	0.87	0.80	0.75	0.70	0.66	0.62	0.58	0.55	
	Multi	5.41	4.57	3.91	3.40	2.98	2.63	2.35	2.11	1.90	1.73	1.57	1.44	1.32	1.22	1.13	1.05	0.98	0.91	0.85	0.80	0.74	0.67	0.61	
0.9mm	Uplift	Single	8.20	6.48	5.25	4.34	3.64	3.10	2.68	2.33	2.05	1.82	1.62	1.45	1.26	1.09	0.94	0.83	0.73	0.64	0.57	0.51	0.46	0.41	0.37
	Double	4.85	4.10	3.52	3.06	2.68	2.38	2.12	1.90	1.72	1.56	1.43	1.31	1.20	1.11	1.03	0.95	0.89	0.83	0.78	0.73	0.68	0.64	0.61	
	Multi	5.73	4.86	4.18	3.64	3.20	2.84	2.54	2.28	2.06	1.88	1.71	1.57	1.45	1.34	1.24	1.15	1.08	1.00	0.94	0.85	0.76	0.69	0.62	
1.2mm	Gravity	Single	12.32	9.73	7.88	6.51	5.47	4.66	4.02	3.50	3.08	2.60	2.19	1.86	1.60	1.38	1.20	1.05	0.92	0.82	0.73	0.65	0.58	0.52	0.47
	Double	6.84	5.72	4.87	4.19	3.65	3.21	2.85	2.54	2.29	2.07	1.88	1.71	1.57	1.44	1.33	1.23	1.14	1.07	0.99	0.93	0.87	0.82	0.77	
	Multi	8.14	6.83	5.82	5.03	4.39	3.87	3.43	3.07	2.76	2.50	2.27	2.08	1.91	1.75	1.62	1.50	1.39	1.30	1.21	1.10	1.02	0.97	0.87	0.79
1.2mm	Uplift	Single	11.03	8.72	7.06	5.83	4.90	4.18	3.60	3.14	2.76	2.44	2.18	1.96	1.72	1.49	1.29	1.13	1.00	0.88	0.78	0.70	0.63	0.56	0.51
	Double	7.21	6.05	5.16	4.46	3.89	3.43	3.05	2.73	2.46	2.22	2.02	1.85	1.69	1.56	1.44	1.34	1.24	1.16	1.08	1.01	0.95	0.89	0.84	
	Multi	8.56	7.21	6.16	5.33	4.67	4.12	3.67	3.29	2.96	2.68	2.44	2.24	2.05	1.89	1.75	1.62	1.51	1.41	1.31	1.17	1.05	0.94	0.85	
1.2mm	Gravity	Single	16.62	13.13	10.64	8.79	7.39	6.29	5.43	4.73	4.15	3.51	2.96	2.51	2.16	1.86	1.62	1.42	1.25	1.10	0.98	0.88	0.79	0.71	0.64
	Double	10.63	8.84	7.47	6.41	5.55	4.86	4.30	3.82	3.42	3.09	2.79	2.54	2.33	2.13	1.97	1.82	1.68	1.56	1.46	1.35	1.26	1.17	1.06	
	Multi	12.72	10.61	8.99	7.72	6.71	5.88	5.20	4.64	4.16	3.75	3.40	3.10	2.84	2.61	2.40	2.22	2.06	1.84	1.64	1.46	1.31	1.18	1.06	
1.2mm	Uplift	Single	15.38	12.15	9.84	8.14	6.84	5.83	5.02	4.38	3.85	3.41	3.04	2.73	2.46	2.12	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73
	Double	11.09	9.24	7.83	6.72	5.84	5.12	4.53	4.03	3.62	3.26	2.96	2.69	2.46	2.26	2.08	1.93	1.79	1.66	1.55	1.45	1.36	1.26	1.18	
	Multi	13.25	11.07	9.40	8.09	7.04	6.18	5.47	4.88	4.39	3.96	3.59	3.28	3.00	2.76	2.54	2.35	2.19	2.03	1.86	1.66	1.49	1.34	1.21	

- Available in 0.5mm, 0.7mm, 0.9mm and 1.2mm gauges.
- Tables calculated by the SCI to BS EN 1993-1-3:2006.
- All loads are unfactored / characteristic and in kN/m². Load factor (working loads to ultimate) x 1.5.
- Deflection Limits: Gravity Load Case = Span / 200, Wind Uplift Load Case = Span / 150.
- Cladding profile available in various finishes and colours. Contact CMF for more information.



For further information please contact CMF:

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Construction Metal Forming

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