

Structural Lining Panels

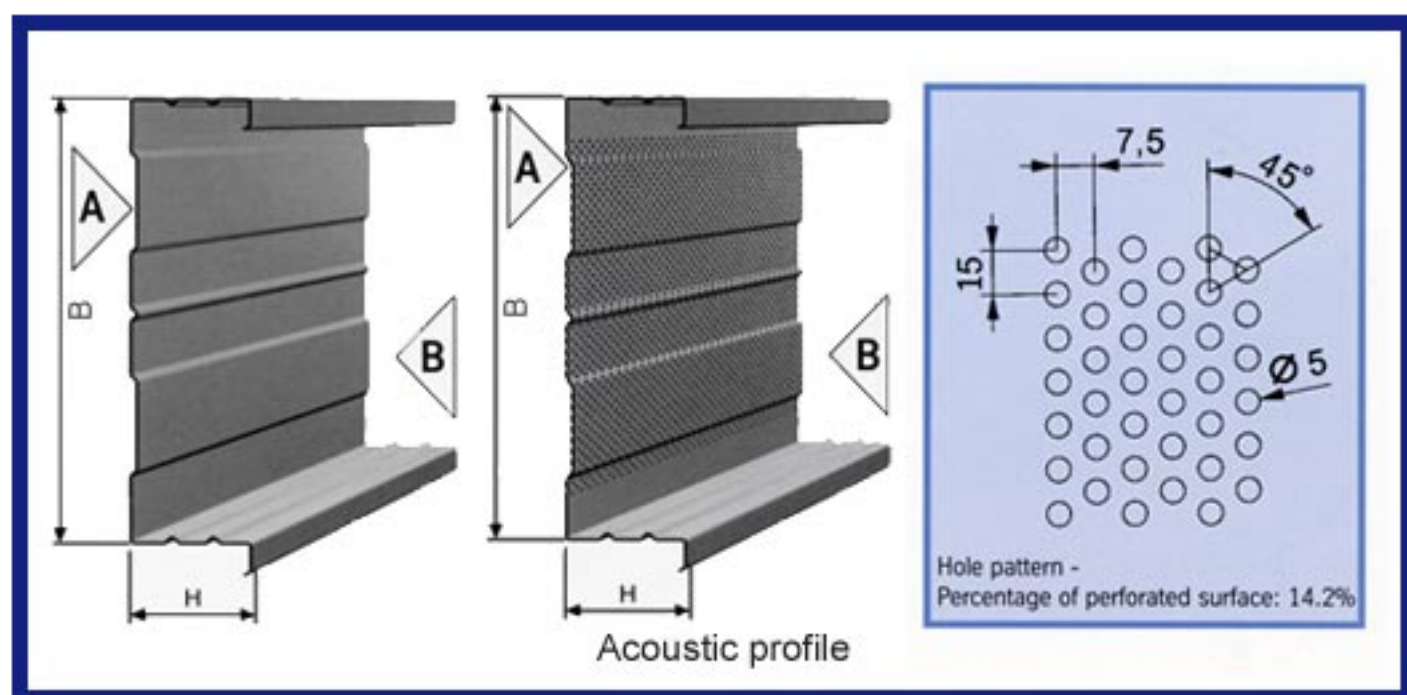
Cladco offer a superb choice of structural lining panels supplied in either plain galvanised or a white liner finish. Other coatings are available on request.

Structural lining panels may be used in a variety of applications. They can be designed to span from frame to frame, eliminating side rails and purlins and providing a face to which outer sheets can be fixed.

Clean visual appearance, cost effective in use. Suitable for large spans.

Meet demands for sound insulation and fire protection. Available perforated, see diagram.

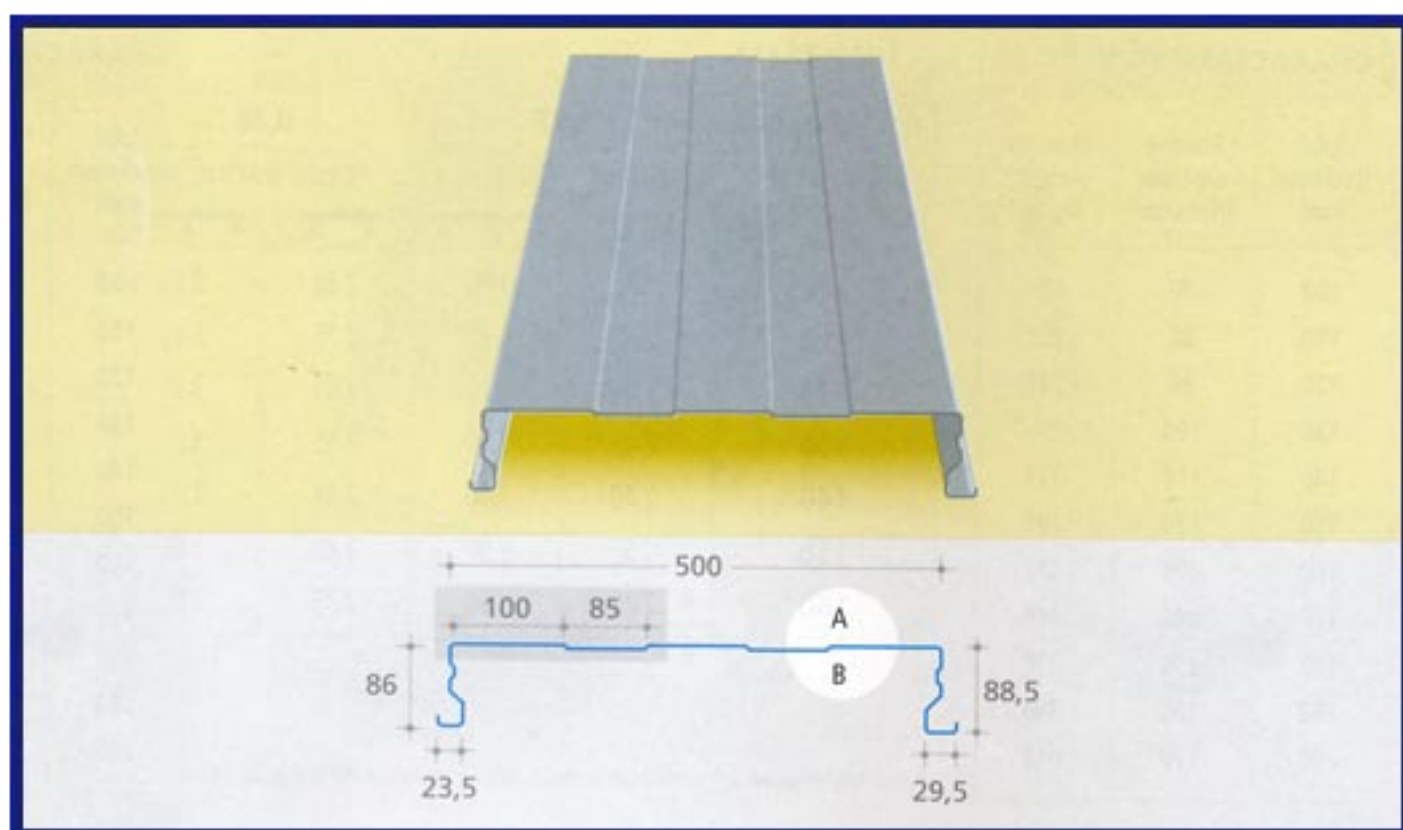
Liner Tray



Designation of building elements	Profile height H mm	Profile width B m	Material thickness - t _n mm	W kg/m ²	Max. length supplied m
CL 90/600	90	600	0.75	8.7	16.0
			0.88	10.2	
			1.00	11.6	
			1.25	14.5	
			1.50	17.4	
CL 100/600	100	600	0.75	8.9	16.0
			0.88	10.4	
			1.00	11.9	
			1.25	14.8	
			1.50	17.8	

CL 120/600	120	600	0.75 0.88 1.00 1.25 1.50	9.4 11.0 12.5 15.7 18.8	16.0
CL 130/600	130	600	0.75 0.88 1.00 1.25 1.50	9.6 11.3 12.8 16.0 19.2	16.0
CL 145/600	145	600	0.75 0.88 1.00 1.25 1.50	9.8 11.5 13.1 16.3 19.6	16.0
CL 160/600	160	600	0.75 0.88 1.00 1.25 1.50	10.2 12.0 13.6 17.0 20.4	16.0
Please specify the A and B side (underside and upside) in the case of different coatings.					

CL 90.500 profile



Designated use : Cassette system

Made to order - Standard Models

Galva - 275g/m² - thickness 0.75 / 0.88 / 1.00mm

Interior coating 15μ - off-white RAL 9002* - thickness 0.75 / 0.88 / 1.00mm

Static Properties

Nom thickness mm	Weight kg/m ²	Max. moment in the span kg.m	Max. moment at the support kg.m	L cm ⁴	W cm ³	Support reaction kg
0.75	8.88	242	297	85.2	11.3	1,680
0.88	10.42	323	351	111	15.1	2,240
1.00	11.84	400	399	135.2	18.7	2,810

Span Table

Load kg/m ²	Thickness mm	Purlin Spacing m				Purlin Spacing m			
		1/150	1/200	1/250	1/300	1/150	1/200	1/250	1/300
60	0.75	5.34	4.86	4.51	4.24	6.29	6.29	6.04	5.69
	0.88	5.84	5.30	4.92	4.63	6.84	6.84	6.60	6.21
	1.00	6.23	5.66	5.26	4.95	7.29	7.29	7.05	6.63
70	0.75	5.08	4.61	4.28	4.03	5.82	5.82	5.74	5.40
	0.88	5.55	5.04	4.68	4.40	6.33	6.33	6.27	5.90
	1.00	5.92	5.38	4.99	4.70	6.75	6.75	6.70	6.30
80	0.75	4.86	4.41	4.09	3.85	5.45	5.45	5.45	5.17
	0.88	5.30	4.82	4.47	4.21	5.92	5.92	5.92	5.64
	1.00	5.66	5.15	4.78	4.49	6.32	6.32	6.32	6.03
100	0.75	4.40	4.09	3.80	3.58	4.87	4.87	4.87	4.80
	0.88	4.92	4.47	4.15	3.91	5.30	5.30	5.30	5.24
	1.00	5.26	4.78	4.43	4.17	5.65	5.65	5.65	5.59
120	0.75	4.02	3.85	3.58	3.37	4.45	4.45	4.45	4.45
	0.88	4.63	4.21	3.91	3.68	4.83	4.83	4.83	4.83
	1.00	4.95	4.49	4.17	3.93	5.16	5.16	5.16	5.16
150	0.75	3.59	3.58	3.32	3.13	3.98	3.98	3.98	3.98
	0.88	4.15	3.91	3.63	3.41	4.32	4.32	4.32	4.32
	1.00	4.59	4.17	3.87	3.64	4.61	4.61	4.61	4.61