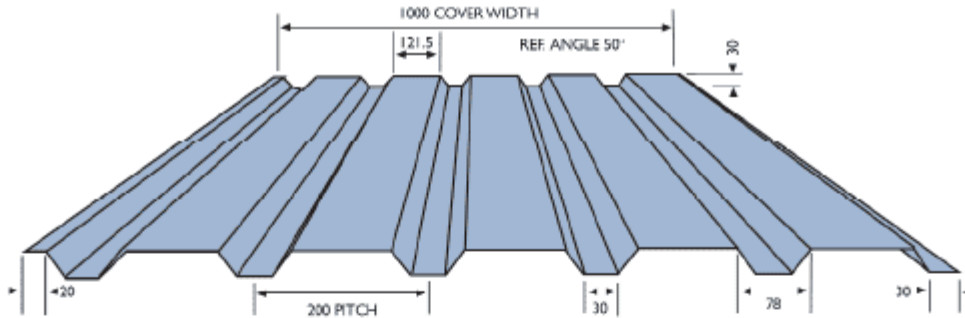


### WC30-C

## Wall Cladding Details and Sectional Properties

Our wall-cladding is manufactured in two different profiles, WC30-C and WC30-CR. Both profiles can be produced in a colour coated steel (Plastisol, PVF2 and Polyester), and are also available in plain galvanised steel or Aluzinc.



SIDE LAP DETAIL



### SECTION PROPERTIES

MATERIAL	THICKNESS mm	WEIGHT kg/m <sup>2</sup>	MOMENT OF INERTIA I <sub>xx</sub> cm <sup>4</sup> /m		MOMENT OF RESISTANCE M <sub>d</sub> kNm/m	
			min	max	min	max
Z2	0.55	4.90	5.53	7.91	0.670	0.711
Z2	0.7	6.25	7.70	10.44	0.976	1.008

LOAD TABLE ROOF N/1000C			DOWNWARD LOADING							UPWARD LOADING						
DEFLECTION LIMIT	SPAN CONDITION	THICKNESS mm	SPAN (PURLIN SPACING) mm							SPAN (PURLIN SPACING) mm						
			1000	1250	1500	1750	2000	2250	2500	1000	1250	1500	1750	2000	2250	2500
L/150		0.55	3.79	2.43	1.68	1.24	0.95	0.75	0.61	3.58	2.29	1.59	1.17	0.89	0.71	0.57
		0.7	5.35	3.42	2.38	1.75	1.34	1.06	0.86	5.21	3.33	2.31	1.70	1.30	1.03	0.83
		0.55	2.74	1.90	1.40	1.07	0.85	0.69	0.57	2.84	1.97	1.46	1.12	0.89	0.72	0.60
		0.7	4.06	2.81	2.06	1.58	1.25	1.01	0.83	4.13	2.86	2.10	1.61	1.28	1.04	0.86
L/200		0.55	3.29	2.30	1.70	1.30	1.04	0.84	0.70	3.41	2.38	1.76	1.36	1.08	0.88	0.73
		0.7	4.89	3.40	2.51	1.92	1.53	1.24	1.03	4.97	3.46	2.55	1.96	1.56	1.27	1.05
		0.55	3.79	2.43	1.68	1.24	0.95	0.74	0.54	3.58	2.29	12.59	1.17	0.80	0.57	0.42
		0.7	5.35	3.42	2.38	1.75	1.34	0.96	0.70	5.21	3.33	2.31	1.63	1.11	0.79	0.59
	0.55	2.74	1.90	1.40	1.07	0.85	0.69	0.57	2.84	1.97	1.46	1.12	0.89	0.72	0.60	
	0.7	4.06	2.81	2.06	1.58	1.25	1.01	0.83	4.13	2.86	2.10	1.61	1.28	1.04	0.86	
	0.55	3.29	2.30	1.70	1.30	1.04	0.84	0.70	3.41	2.38	1.76	1.36	1.08	0.88	0.73	
	0.7	4.89	3.40	2.51	1.92	1.53	1.24	1.03	4.97	3.46	2.55	1.96	1.56	1.27	1.05	

### DEFLECTION CONTROLS