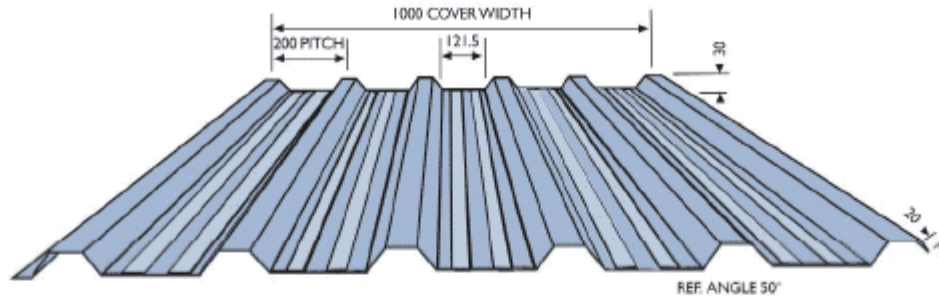


### RC30-RR

## Roof Cladding Details and Sectional Properties

Our roof-cladding is manufactured in two different profiles, RC30-R and RC30-RR. Both profiles can be produced in a colour coated steel (Plastisol, PVF2 and Polyester), and are also available in plain galvanised steel or Aluzinc.



SECTION PROPERTIES						
MATERIAL	THICKNESS mm	WEIGHT kg/m <sup>2</sup>	MOMENT OF INERTIA I <sub>xx</sub>		MOMENT OF RESISTANCE M <sub>d</sub>	
			cm <sup>4</sup> /m	kgNm/m	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/1000R		DOWNWARD LOADING								UPWARD LOADING								
DEFLECTION LIMIT	THICK CONDITION	SPAN 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	3.72	2.38	1.63	1.19	0.90	0.69	0.49	3.63	2.34	1.64	1.22	8.85	0.62	0.17		
		0.7	5.29	3.36	2.32	1.69	1.28	0.90	0.64	5.27	3.39	2.37	1.69	1.17	0.85	0.65		
	▲▲▲	0.55	2.69	1.85	1.35	1.02	0.80	0.64	0.52	2.89	2.02	1.51	1.17	0.94	0.77	0.65		
		0.7	4.00	2.75	2.00	1.52	1.19	0.95	0.77	4.1	2.91	2.16	1.67	1.34	1.10	0.92		
L/200	▲▲▲	0.55	3.24	2.25	1.65	1.25	0.99	0.79	0.65	3.46	2.43	1.81	1.41	1.13	0.93	0.78		
		0.7	4.00	2.75	2.00	1.52	1.19	0.95	0.77	4.19	2.91	2.16	1.67	1.34	1.10	0.92		
	▲▲	0.55	3.72	2.38	1.63	1.13	0.75	0.51	0.36	3.63	2.34	1.47	0.97	0.68	0.50	0.38		
		0.7	5.29	3.36	2.32	1.48	0.97	0.66	0.47	5.27	3.39	2.04	1.33	0.93	0.68	0.52		
	▲▲▲	0.55	2.69	1.85	1.35	1.02	0.80	0.64	0.52	2.89	2.02	1.51	1.17	0.94	0.77	0.65		
		0.7	4.00	2.75	2.00	1.52	1.19	0.95	0.77	4.19	2.91	2.16	1.67	1.34	1.10	0.92		
▲▲	0.55	3.24	2.25	1.65	1.25	0.99	0.79	0.65	3.46	2.43	1.81	1.41	1.13	0.87	0.66			
	0.7	4.83	3.34	2.45	1.86	1.47	1.18	0.93	5.03	3.52	2.61	2.02	1.61	1.20	0.91			

#### DEFLECTION CONTROLS