

# Data Sheet

## FORECLAD 250RS



Foreclad 250 roofing and cladding is manufactured under the name of 250RS.

250RS is a profile that has a wider valley than the Foreclad 200 range and is sometimes preferred as it is easier to walk between the crowns of the sheet. 250RS comes with swages (mini ribs) added to the profile both for aesthetics and strength.

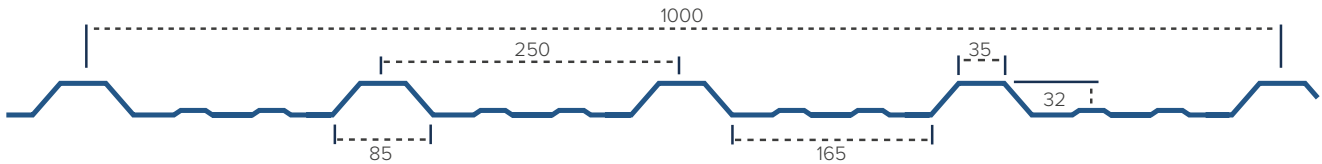
Foreclad 250 is available in various colours using colour coated steel which is sourced from only trusted mill producers.

Our roofing sheets are suitable for a wide variety of purposes including but not limited to industrial buildings, agricultural buildings, domestic projects and commercial projects. Foreclad 250 can be manufactured from short to substantially

long lengths and is suitable both for single skin applications or to form part of a twin skin system.

The bulk of the stock carried by Foregale is 200 micron leather grain plastisol as this is the standard material used in the UK. We keep stock of this mainly in 0.7mm but also in 0.5mm. Though there are many manufacturers of plastisol material, at Foregale we are careful only to select trusted and reputable steel mills.

Plastisol guarantees may be available from the steel mill with prior notice and the request given to us when ordering, it is subject to actual material used in production. It is also subject to a completed application form and the terms and conditions of the relevant steel mill for the material used as to the duration (if given) of any guarantee provided by the mill.



DIMENSION DETAILS			
COVER WIDTH	1000mm	CROWN WIDTH	35mm
PROFILE PITCH	250mm	VALLEY WIDTH	165mm
PROFILE DEPTH	32mm	RIB WIDTH	85mm

WEIGHT PER LINEAR METRE	
0.7mm	6.70 kg
0.5mm	4.79 kg

SAFE WORKING LOAD (ULTIMATE / 1.5)																				
		SPAN (M)																		
		L/200	THICKNESS	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
POSITIVE PRESSURE	SINGLE SPAN	0.7	4.87	4.03	3.39	2.88	2.49	2.17	1.90	1.69	1.44	1.22	1.05	0.91	0.79	0.69	0.61	0.54	0.48	
	DOUBLE SPAN	0.7	2.97	2.59	2.27	2.01	1.80	1.61	1.46	1.33	1.21	1.11	1.02	0.94	0.87	0.81	0.76	0.71	0.66	
	MULTI SPAN	0.7	3.53	3.07	2.70	2.40	2.15	1.93	1.75	1.59	1.45	1.33	1.23	1.14	1.05	0.98	0.91	0.85	0.80	
	SINGLE SPAN	0.5	2.75	2.45	2.06	1.75	1.51	1.32	1.16	1.02	0.91	0.79	0.68	0.59	0.51	0.45	0.39	0.35	0.31	
	DOUBLE SPAN	0.5	1.69	1.48	1.31	1.17	1.05	0.95	0.86	0.79	0.72	0.66	0.61	0.57	0.53	0.49	0.46	0.43	0.40	
	MULTI SPAN	0.5	1.99	1.75	1.55	1.38	1.24	1.13	1.02	0.94	0.86	0.79	0.73	0.68	0.63	0.59	0.55	0.52	0.49	

SAFE WORKING LOAD (ULTIMATE / 1.5)																				
		SPAN (M)																		
		L/200	THICKNESS	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60
SUCTION	SINGLE SPAN	0.7	5.21	4.30	3.61	3.08	2.66	2.31	2.01	1.67	1.41	1.20	1.03	0.89	0.77	0.68	0.59	0.53	0.47	
	DOUBLE SPAN	0.7	2.88	2.50	2.20	1.94	1.73	1.55	1.40	1.27	1.16	1.06	0.98	0.90	0.84	0.78	0.72	0.67	0.63	
	MULTI SPAN	0.7	3.42	2.98	2.62	2.32	2.07	1.86	1.69	1.53	1.40	1.28	1.21	1.14	1.09	1.01	0.94	0.88	0.82	0.77
	SINGLE SPAN	0.5	2.75	2.50	2.29	2.09	1.80	1.57	1.31	1.09	0.92	0.78	0.67	0.58	0.50	0.44	0.39	0.34	0.31	
	DOUBLE SPAN	0.5	1.58	1.37	1.21	1.08	0.96	0.87	0.78	0.71	0.65	0.60	0.55	0.51	0.47	0.44	0.41	0.38	0.36	
	MULTI SPAN	0.5	1.86	1.63	1.44	1.28	1.15	1.03	0.94	0.86	0.78	0.72	0.66	0.61	0.57	0.53	0.50	0.46	0.44	