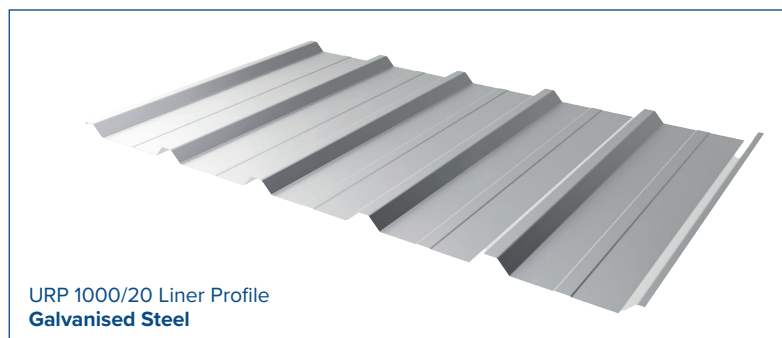
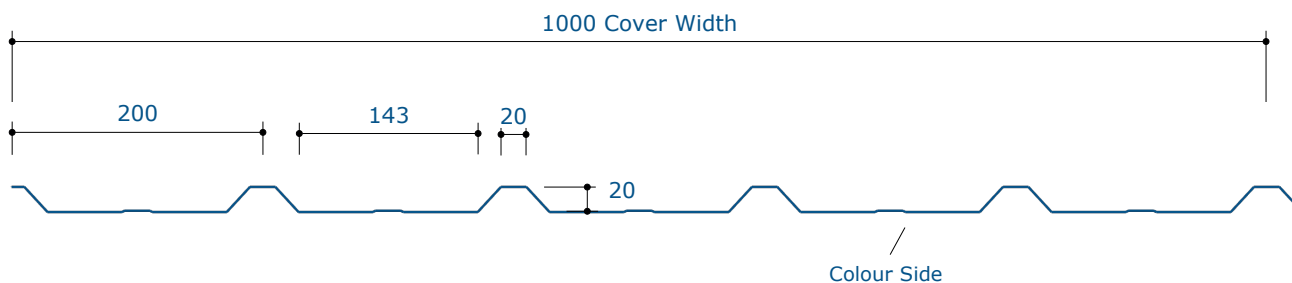
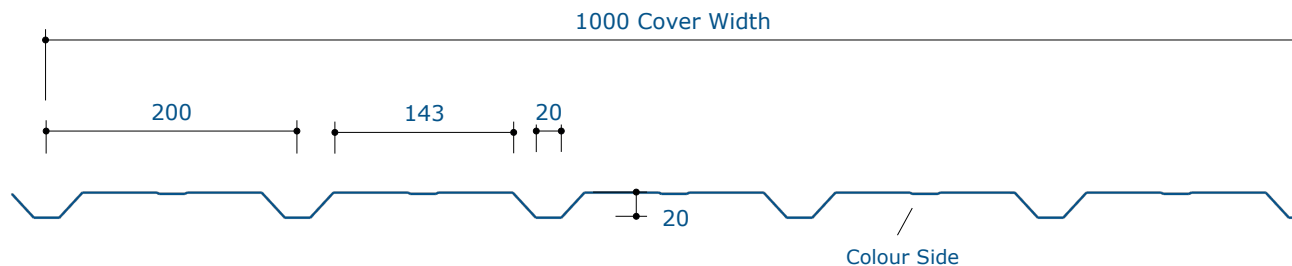


Product Datasheet
www.unitedroofingproducts.com

URP 1000/20 is most commonly used as a shallow liner profile in 0.7mm gauge internal grade material. It presents a lightweight and cost effective solution for both newbuild twin skin systems and refurbishment underlining projects.

This profile is run from a 1105mm width white liner coil as standard, but other materials and colours can be slit down by special order for both internal and external applications.

Our 1000/20 0.7mm liner sheet achieves $B_{ROOF}(t4)$ as part of our twin skin roof build-up. It also delivers Class B Non-Fragility performance at a maximum span of up to 1.8m.


Over Purlin

Under Purlin

URP 1000/20 Steel Over Purlin Profile - Thickness 0.7mm

Profile properties	f _u = 220N/mm ²		E = 210kN/mm ²				Bottom flange in tension			Bottom flange in compression				
	Thickness t _w mm		Weight kg/m ²		Web crushing R _{w,Rd}		M _{b,Rd} kNm/m		I _{eff} cm ⁴ /m		M _{b,Rd} kNm/m		I _{eff} cm ⁴ /m	
	0.7		6.07		14.16		0.498		3.5335		0.466		2.7557	
	Span/m	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1			
0.7mm steel Roof application Gravity/Downward	Single	1.65	1.30	1.04	0.84	0.70	0.58	0.49	0.42	0.36	0.31			
	Double	1.69	1.47	1.27	1.10	0.97	0.86	0.77	0.69	0.59	0.51			
	Multi	2.07	1.80	1.57	1.38	1.16	0.97	0.81	0.69	0.59	0.51			
	Span/m	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1			
0.7mm steel Roof application Wind uplift	Single	1.72	1.47	1.27	1.10	0.97	0.86	0.77	0.69	0.62	0.56			
	Double	1.78	1.55	1.35	1.18	1.04	0.92	0.82	0.74	0.66	0.60			
	Multi	2.18	1.89	1.66	1.47	1.30	1.15	1.03	0.92	0.83	0.75			



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