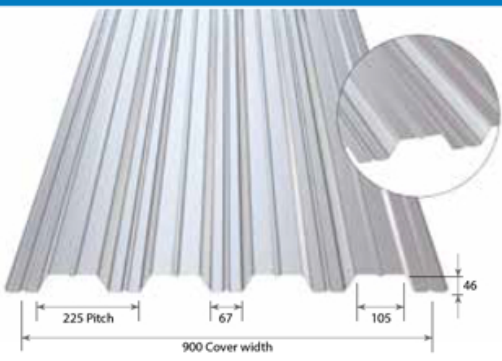
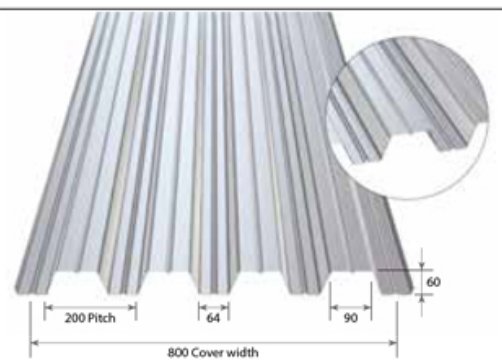
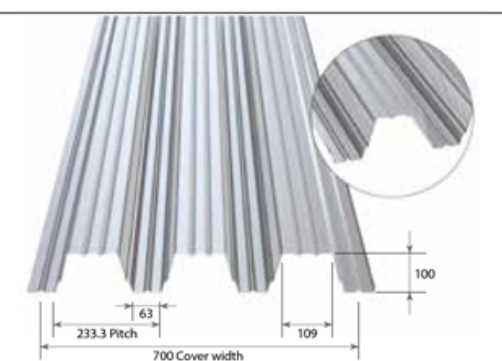


Perforated web roof decking to
provide acoustic absorption, acoustic
reduction and structural support

Acoustic RoofDek trapezoidal profiles D46 to D100

Profile	Material specification	Weight (kg/m ²)	Single span (mm)	Double span (mm)	Min. self curve (m)	Cantilever (mm)
D46 perforated 10.79% / EA 13.09% / CA 	0.70mm Colorcoat* pre-finished steel	6.26	1328	1771	55 (F0.40)*	332
	0.70mm steel. Interior liner or galv	6.49	1614	2152	55 (F0.40)*	403
	0.90mm steel. Interior liner or galv	8.35	2667	3360	65 (F0.40)*	667
	1.20mm steel. Interior liner or galv	11.15	2959	3967	75	740
	0.90mm aluminium.	2.89	1202	1602	55 (F0.40)*	300
	1.20mm aluminium.	3.86	2031	2709	65	508
D60 perforated 13.9% / EA 19.6% / CA 	0.70mm Colorcoat* pre-finished steel	6.99	1355	1807	70	339
	0.70mm steel. Interior liner or galv	7.25	1647	2196	70	412
	0.90mm steel. Interior liner or galv	9.33	2725	3633	80	681
	1.20mm steel. Interior liner or galv	12.45	3621	4856	85	905
	0.90mm aluminium.	3.23	1232	1642	70	308
	1.20mm aluminium.	4.31	2123	2831	80	531
D100 perforated 13.3% / EA 21.1% / CA 	0.90mm steel. Interior liner or galv	10.92	3574	4765	120	893
	1.20mm steel. Interior liner or galv	14.58	5212	6881	125	1303
	0.90mm aluminium.	3.79	1647	2196	110	412
	1.20mm aluminium.	5.05	3062	4083	120	766

EA = Exposed Area, CA = Cover area (see notes opposite)

Aluminium and other material specifications not shown here are available subject to minimum order quantity.

Colorcoat* pre-finished steel is Colorcoat HPS200 Ultra*, available single or double-sided.

Load/spans are calculated to Eurocodes 3 and 9, however a fixings check is also required.

The decks are assumed to be bearing onto 100mm min. flange steel beam.

*(F0.40) - Factory crimp curving available to 0.40m radius.