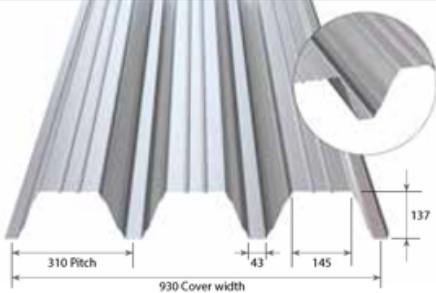
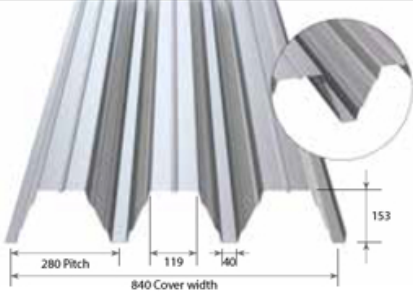
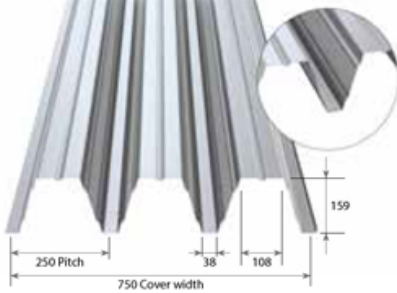
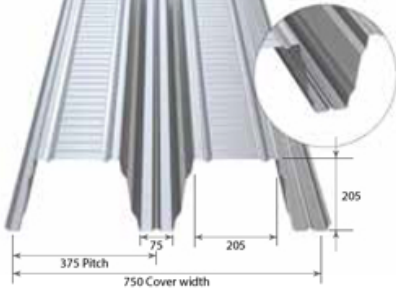


Perforated web roof decking to
provide acoustic absorption, acoustic
reduction and structural support

Acoustic RoofDek trapezoidal profiles D137 to D200

Profile	Material specification	Weight (kg/m ²)	Single span (mm)	Double span (mm)	Min. self curve (m)	Cantilever (mm)
D137 perforated 7.0% / EA 11.5% / CA 	0.75mm steel. Interior liner	8.79	3152	4149	150	788
	0.90mm steel. Interior liner	10.55	4759	5269	160	1190
	1.25mm steel. Interior liner	14.68	6155	7598	180	1539
	1.20mm aluminium.	4.88	3710	4259	170	928
D153 perforated 6.2% / EA 11.0% / CA 	0.75mm steel. Interior liner	9.86	3421	4562	165	855
	0.88mm steel. Interior liner	11.58	5012	5786	175	1253
	1.25mm steel. Interior liner	16.46	6730	8550	195	1682
D159 perforated 7.6% / EA 14.2% / CA 	1.25mm steel. Interior liner or galv	17.80	7084	9054	220	1771
	1.50mm aluminium.	7.40	5222	6768	200	1305
D200 perforated 5.0% / EA 10.0% / CA 	0.88mm steel. Interior liner	13.13	3583	4778	260	896
	1.25mm steel. Interior liner	18.67	7739	8838	280	1935
	1.50mm steel. Interior liner	22.41	8945	10768	300	2236

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

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

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.