

RAIL BRIDGE DECK

Section No. S1435 = 6.0mm & S1448 = 8.0mm
Section No. S560 = 8.0mm (Lysaght)

Australian Rollforming Manufacturers offers two types of Rail Bridge Deck.

Our custom made 6.0mm & 8.0mm Australian Rollforming Rail Bridge Deck have been designed as a replacement for traditionally used wooden sleepers.

Australian Rollforming also offers the 8.0mm Lysaght Rail Bridge Deck product which was obtained with its acquisition of the Lysaght Special Sections business in 2003.

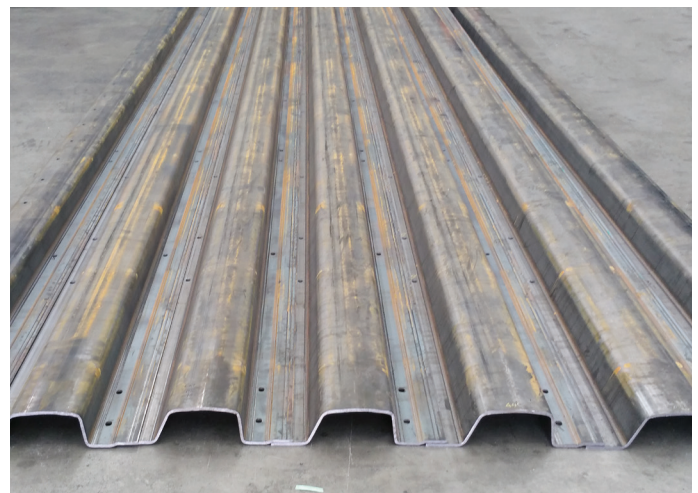
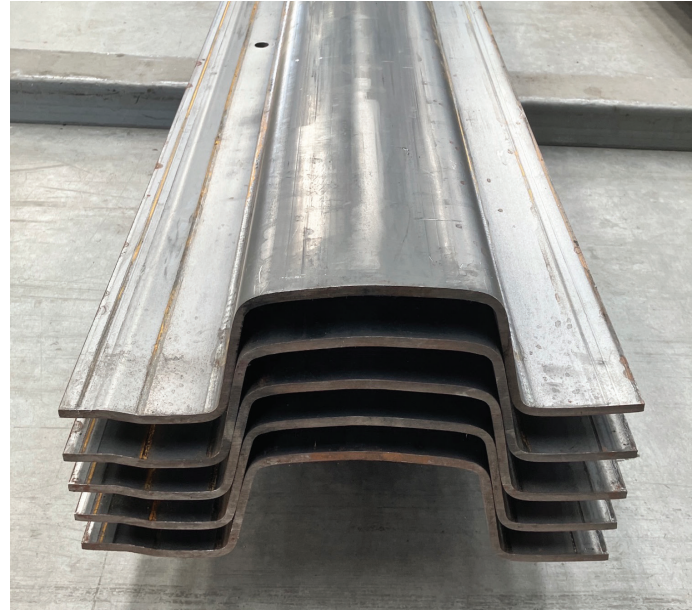
Rail Bridge Deck take the form of a splayed top hat section which is cold rollformed in custom lengths, and hot-dip galvanised after production.

Decking lengths are laid and connected side by side to carry the ballast and track. This system of steel bridge decking provides safety and strength with a minimum of dead weight being imposed on the supporting structure.

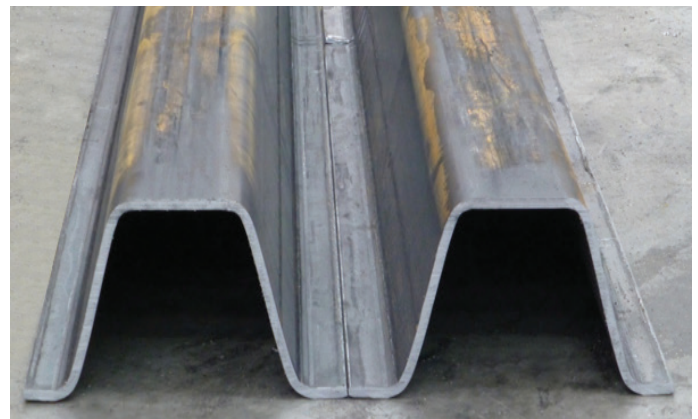
The Lysaght 8.0mm Rail Bridge Deck provides a suitable profile for a kerb and is easily fastened to Road Bridge Deck. At the end of the kerb sections use an M16 bolt through the kerb, decking and girder.

Australian Rollforming Manufacturers is a custom metal rollforming specialist, with the capability to rollform an almost infinite number of profiles in a wide range of metals.

Contact us to discuss your requirements.

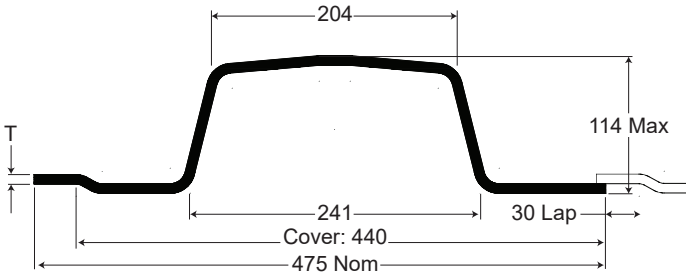


Australian Rollforming Rail Bridge Deck



Lysaght Rail Bridge Deck

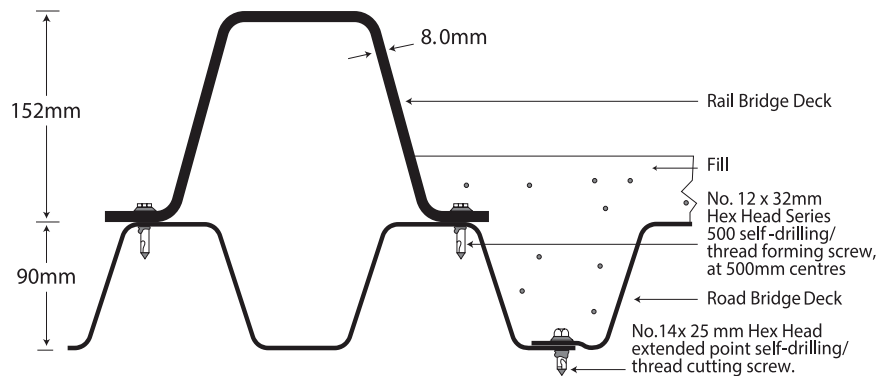
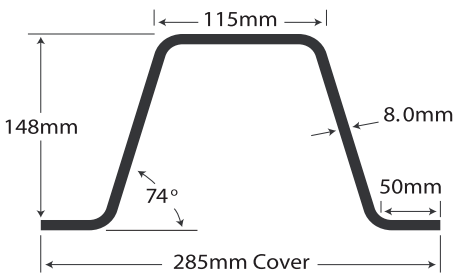
**Australian Rollforming Rail Bridge Deck
Cross Section Profile**



Section Properties

T (mm)	For One Section					For Metre Width of Assembled Sheets			
	Area A (mm ²)	Mass per unit Length (kg/m)	Ixx (10 ⁶ mm ⁴)	Zx (10 ³ mm ³)	Rx (mm)	Area A (mm ²)	Mass per unit Area (kg/m ²)	Ixx/m (10 ⁶ mm ⁴)	Zx/m (10 ³ mm ³ /m)
6.0	3695	29.3	7.37	129	44.6	11230	66.7	16.8	294.0
8.0	4940	39.5	9.85	173	47.0	8400	89.8	22.4	393.0

Lysaght Rail Bridge Deck Cross Section Profile



Section Properties

T (mm)	For One Section					For Metre Width of Assembled Sheets			
	Area A (mm ²)	Mass per unit Length (kg/m)	Ixx (10 ⁶ mm ⁴)	Zx (10 ³ mm ³)	Rx (mm)	Area A (mm ²)	Mass per unit Area (kg/m ²)	Ixx/m (10 ⁶ mm ⁴)	Zx/m (10 ³ mm ³ /m)
8.0	3912	31.3	12.0	153.0	55.3	13726	108.7	41.7	536.8