

HIBOND 80 MATERIAL SPECIFICATION

Dimond Hibond 80 and accessories are manufactured from galvanised steel coil produced to AS 1397.

	Thickness BMT (mm)	Steel Grade (MPa)	Min. Zinc Weight (g/m ²)
Hibond 80 sheet	0.75 & 0.95	G550	Z 275
Hibond 80 sheet	1.05 & 1.15	G500	Z 275
End cap	0.55	G250	Z 275
Closure strip	0.55	G250	Z 275
Edge form	1.15	G250	Z 275

BMT - Base Metal Thickness

Tolerances

Length: -0mm +10mm

Cover width: -1mm +5mm

Maximum manufactured length of Hibond 80 sheet: 15m.

HIBOND 80 SHORT FORM SPECIFICATION

The flooring system will be Dimond Structural **(1)** mm Hibond 80 manufactured from G550/G500 grade steel, with a 275g/m² galvanised zinc weight. The minimum nominal steel decking sheet length to be used in construction shall be m, in accordance with the design formwork spans.

Edge form and end caps to be used in accordance with Dimond Structural recommendations.

Specify concrete thickness, and number of rows of propping during construction.

Mesh and any additional reinforcement bar size and spacing should be referred to the design engineer's drawings.

(1) Choose from: 0.75, 0.95, 1.05, 1.15