

# Quick Guide to Choosing the Right Flooring

Load 2.5 kPa/Deflection 5mm				
Span mm	Mild/Stainless			
	Steel	Aluminium	FRP	Expanded Metal
600	C205***	A253***	G256***	WM50080***
900	C205***	A253***	G386***	WM50110***
1050	C205***	A253***	G386***	WM50105***
1200	C205***	A255***	G386***	-
1500	A255***	A403***	-	-
1800	A325***	A503***	-	-
2100	A405***	-	-	-
2400	C505***	-	-	-
2800	A655***	-	-	-

Light occasional use. No public access. AS 1657

Load 5 kPa/Deflection 5mm				
Span mm	Mild/Stainless			
	Steel	Aluminium	FRP	Expanded Metal
600	C205***	A253***	G256***	WM50080***
900	C205***	A253***	G386***	-
1050	C205***	A323***	-	-
1200	C255***	A325***	-	-
1500	C325***	A503***	-	-
1800	A405***	-	-	-
2100	A505***	-	-	-
2400	A655***	-	-	-
2800	A756***	-	-	-

Heavy use. Occasional placement of heavy objects or tools. AS 1170

Load 3 kPa/Deflection 5mm				
Span mm	Mild/Stainless			
	Steel	Aluminium	FRP	Expanded Metal
600	C205***	A253***	G256***	WM50080***
900	C205***	A253***	G386***	WM50105***
1050	C205***	A255***	G386***	-
1200	C205***	A323***	-	-
1500	A255***	A405***	-	-
1800	A325***	A505***	-	-
2100	A405***	-	-	-
2400	A505***	-	-	-
2800	A655***	-	-	-

Light frequent use. No public access. AS 1170

Load 5 kPa/Deflection 10mm			
Span mm	Mild/Stainless		
	Steel	Aluminium	FRP
600	C205***	A253***	G256***
900	C205***	A253***	G386***
1050	C205***	A253***	G386***
1200	C205***	A255***	G386***
1500	A255***	A403***	-
1800	A325***	A503***	-
2100	C405***	-	-
2400	C505***	-	-
2800	A655***	-	-

Heavy use. Occasional placement of heavy objects or tools. AS 1170

Load 4 kPa/Deflection 5mm				
Span mm	Mild/Stainless			
	Steel	Aluminium	FRP	Expanded Metal
600	C205***	F253***	G256***	WM50080***
900	C205***	A253***	G386***	WM50105***
1050	C205***	C323***	G386***	-
1090	C253***	F403***	-	-
1125	C253***	F403***	-	-
1150	C253***	A323***	-	-
1200	F255***	A325***	-	-
1225	C255*S*	A403***	-	-
1350	C255***	A325***	-	-
1400	A255***	A403***	-	-
1500	F325***	A405***	-	-
1590	C325***	A455***	-	-
1600	A325*S*	A455***	-	-
1650	C403***	A455***	-	-
1700	F405***	A505***	-	-
1710	A325***	A505***	-	-
1780	A403***	A505***	-	-
1800	C405***	A505***	-	-
1890	C405***	-	-	-
2030	A405***	-	-	-
2200	C505***	-	-	-
2350	A505***	-	-	-
2400	A655***	-	-	-
2800	A655***	-	-	-

Heavy frequent use. Public access. AS 1170

Load 7.5 kPa/Deflection 5mm			
Span mm	Mild/Stainless		
	Steel	Aluminium	FRP
600	C205***	A253***	G256***
900	C205***	A255***	G386***
1050	C255***	A325***	-
1200	A255***	A405***	-
1500	C405***	A505***	-
1800	C505***	-	-
2100	A655***	-	-
2400	A655***	-	-
2800	A756***	-	-

Very heavy use. Frequent placement of heavy objects and tools. AS 1170

Load 7.5 kPa/Deflection 10mm			
Span mm	Mild/Stainless		
	Steel	Aluminium	FRP
600	A205***	A253***	G256***
900	A205***	A253***	G386***
1050	A205***	A255***	-
1200	A205***	A325***	-
1500	C325***	A405***	-
1800	A405***	A505***	-
2100	C505***	-	-
2400	A505***	-	-
2800	A655***	-	-

Very heavy use. Frequent placement of heavy objects and tools. AS 1170

## Note:

\*\*\* Material. Top Surface. Treatment. Choose these options from page 3.

Span: See definition on page 21.

kPa: Kilopascals. Expression of Uniformly Distributed Load.

Concentrated Load: Details available on request.

Other combinations of pattern and load bar are available beyond those indicated on this Quick Guide. Refer to the Load/Deflection Table on pages 6 & 7.