

Impact Sound Insulation (Bare Floor)

Infill: FC Sheet (Max Beam Spacing - 800 cts)
Ceiling: 10mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_1$
130R	105	56.5
130M	105	56.5
150R	135	56.5
150C	135	56.5
200R	185	56.5
200C	185	56.5
250M	229	56.5
250C	229	56.5

Infill: FC Sheet (Max Beam Spacing - 800 cts)
Ceiling: 13mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_1$
130R	105	55.5
130M	105	55.5
150R	135	55.5
150C	135	55.5
200R	185	55.5
200C	185	55.5
250M	229	55.5
250C	229	55.5

Infill: Metal Infill (Max Beam Spacing - 1500 cts)
Ceiling: 10mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_1$
130M	105	55.5
150C	135	55.5
200C	185	55.5
250M	229	55.5
250C	229	55.5

Infill: Metal Infill (Max Beam Spacing - 1500 cts)
Ceiling: 13mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_1$
130M	105	55.5
150C	135	55.5
200C	185	55.5
250M	229	55.5
250C	229	55.5

Impact Sound Insulation (Carpet on Quality Underlay)

Infill: FC Sheet (Max Beam Spacing - 800 cts)
Ceiling: 10mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_i$
130R	105	26.1
130M	105	26.1
150R	135	26.1
150C	135	26.1
200R	185	26.1
200C	185	26.1
250M	229	26.1
250C	229	26.1

Infill: FC Sheet (Max Beam Spacing - 800 cts)
Ceiling: 13mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_i$
130R	105	26.1
130M	105	26.1
150R	135	26.1
150C	135	26.1
200R	185	26.1
200C	185	26.1
250M	229	26.1
250C	229	26.1

Infill: Metal Infill (Max Beam Spacing - 1500 cts)
Ceiling: 10mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_i$
130M	105	26.1
150C	135	26.1
200C	185	26.1
250M	229	26.1
250C	229	26.1

Infill: Metal Infill (Max Beam Spacing - 1500 cts)
Ceiling: 13mm Plasterboard

System	Min Ceiling Void	$L_{n,w} + C_i$
130M	105	26.1
150C	135	26.1
200C	185	26.1
250M	229	26.1
250C	229	26.1