



VALINT PTY LTD
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Installation Guide

Direct Fixed Ceilings

Scope:

This procedure details the installation methods and correct use of Valint products in direct fixed ceiling applications. It is necessary that these installation procedures are followed. Valint reverses its rights to vary or void any warranty claims if these installation procedures are not followed, or any of the Valint products detailed below are substituted with alternative products from other suppliers.

The procedures detailed below are based on the use of the following Valint products:

Valint Products:

SKU:	Description:
CB16	16mm Ceiling Battens
STF DF304S	Flat Clips (standard)
STF DF305S	Flat Clips (long)
STF DF304	Wing Clips (standard)
STF DF305	Wing Clips (long)
FTR16	16mm Furring Channel Track

Recommendation: Use flat clips on single story houses. Use wing clips on multi-story houses.

Installation:

The spacings of the ceiling battens and centres of the fixings along each ceiling batten should be in accordance with the following table:

Spacing and Fixing Centre Table:

Cladding (Plasterboard)	Ceiling Batten Spacing (maximum)			
	Single Span		Continuous Span	
	450mm	600mm	450mm	600mm
	Fixing Centres (maximum)		Fixing Centres (maximum)	
10mm	950mm	900mm	950mm	900mm
13mm	950mm	900mm	950mm	900mm

It is not recommended that the fixing centres exceed 900mm.



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Fixings (Direct): The ceiling batten is fixed, adequately secured through the centre of the ceiling batten into a horizontal face of a supporting structural member through the face of the ceiling batten using fixings detailed in the following table. This fixing method should not be used if there is any likelihood of deflection or movement in the supporting structure.

Fixings (Clips): The ceiling batten is fixed using clips, adequately secured to vertical face of the supporting structural member using fixings detailed in the following table. If there is any likelihood of deflection or movement in the supporting structure, such as under upper floors, a clearance of not less than 3mm should be left between the top edge of the ceiling battens and underside of the supporting structural member.

Intersections between ceilings and walls:

Fixings Table (minimum)			
Direct (minimum)		Clips (minimum)	
Timber	Metal	Timber	Metal
1 x 50mm x 2.8mm	refer to manufacturer's guidelines.	2 x 25mm x 4.8mm	refer to manufacturer's guidelines.

Ceiling battens at right angles to a wall junction: Where a ceiling batten intersects a wall junction at right angles, the ceiling batten should remain unfixed no less than 450mm from that wall. A furring channel track should be adequately secured to that wall to pick up and support the ends of the ceiling battens.

Ceiling battens parallel to a wall junction: Where a ceiling batten runs parallel to a wall junction, the closest ceiling batten should be no less than 450mm to that wall. An angle should be adequately secured to that wall to pick up and support the ceiling plasterboard top face.