

Fibre Cement Board Installation Guide

Timber Framing

Framing should be constructed in accordance with local building regulations and acceptable building practice. Typical framing grid should be spaced at 600mm x 1200mm centres. However, if exposed joint (figure 3) installation is used, adjustment to the framing centres should be considered. Kiln-dried timber should be chosen to minimize shrinkage.

Nail Fixing (figure 1)

Fasteners should be driven into each framing structure at 200mm centres maximum. Fasteners should not be placed less than 10mm from sides and 50mm from corners.

Joint

Two typical joint installations can be applied as shown in (Figure 2) and (Figure 3). For large areas, ceiling should be divided into bays not exceeding 10m x 7.5m, to provide for expansion joints.

Special Framing Design Consideration

Boards should not be fixed directly to the underside of steel or timber roof trusses or rafters. A timber ceiling framework or a suspended ceiling grid should be used.

Suspended Ceiling Installation

The framing members for suspended ceiling (Figure 4) come in a standard kit to be installed as follows:

- Main runners are fixed at 1220mm centres securely fastened to the structural soffit using an appropriate suspension at 1220mm centres.
- Cross Tees of 1220mm length to be fixed between the main runners at 610mm centres and another cross tee fixed at mid span between 610mm to form a grid structure of 610mm x 610mm.
- Suspend the 4 sides of the ceiling board freely on the grid.
- Suspended ceiling boards are typically 603mm x 603mm.

Kindly refer to the Product Assurance Supplier Statement brochure for more information or contact us.

Figure 1: Nail Fixing

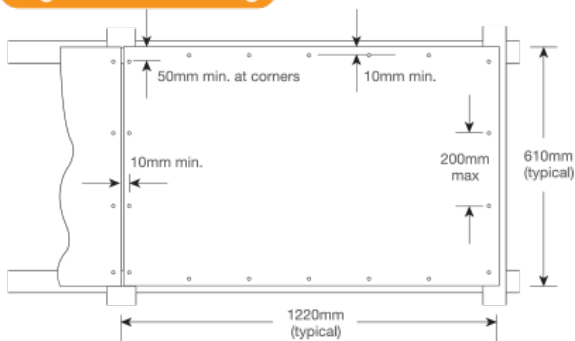


Figure 3: Exposed Joint

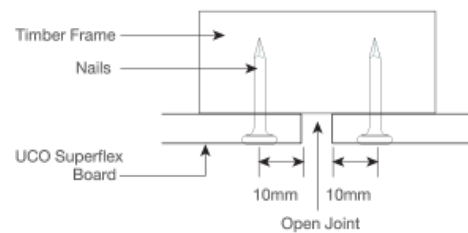


Figure 2: Joint with Batten

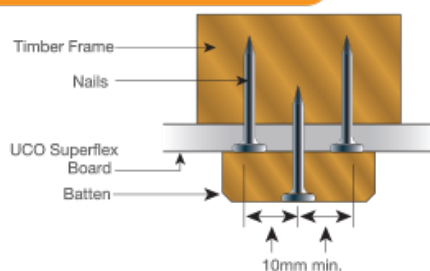


Figure 4: Suspended Ceiling

