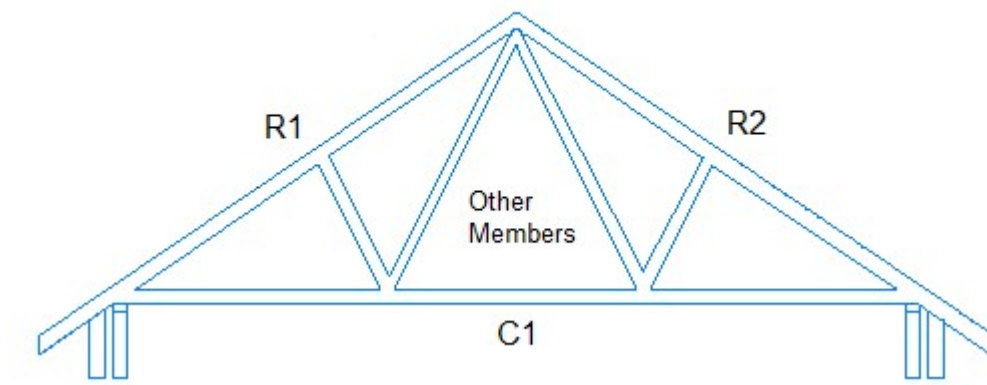


ON SITE GIRDER NAILING SHEET - EXPLANATION

A4 girder nailing sheets should have been provided with your delivery & roof erection paperwork. If these cannot be found please contact Trusstec and obtain a further copy.

The girder nailing sheets have been provided so that multiple trusses can be unloaded and handled more easily into position on site as individual trusses and then fixed together in-situ.

The chords of a truss are lettered and numbered as shown working from left to right. The rafters are referenced R and the ceiling joists C.



British standards specify that the ceiling joists (C1 etc.) must be screwed or bolted together while the rafters (R1, R2 etc.) can be nailed. All other members refers to the webs or internals which must also be nailed.

PST refers to Cullen/Paslode 8.0mm diameter screws while SDW refers to Simpson 8.0mm diameter screws.

Trusstec can produce girder nailing sheets to a wide variety of screws or bolts so please contact us if you wish to use a particular fixing.

IMPORTANT NOTICE

After the implementation of BS5268 part 3 in 1998 the installation of roof trusses requires that all multiple trusses must either be nailed together by the manufacturer at the factory or the ceiling tie of the trusses must be screwed or bolted together on site.

Only nailing together multiple trusses on site is no-longer permitted.

This change has been introduced because of the alarming number of multiple trusses installed on site that have not been fixed together adequately according to the suppliers fixing detail. Tests by the Timber Research and Development Association have also shown that when multiple trusses are not securely fixed together, loads are not transferred adequately between the individual ply resulting in failure below the design requirement.

Trusstec can supply multiple trusses nailed together as one unit in the factory if requested at an additional charge but please consider unloading and handling implications.

Where factory nailing is not practical the truss ceiling chord must be screwed or bolted together and the rafters and webs nailed according to the detail provided by Trusstec.

It is likely that building inspectors will be paying particular attention to this in the future so please ensure good site practice is followed at all times.