



Technical Guidance

Bolt fixing of multiple joists

Question

Can coach bolts be used to fix multiple joists together and, if so, which methods of installation are acceptable?

Considerations

- NHBC Standards clause 6.4-S7 refers to the use of bolts for fixing multiple joists together.

Answer

Coach bolts can be used to fix multiple joists together. They should be on the centre line at approximately 1m centres. A washer should be fitted under the nut of the bolt. If the design requires a washer under the head of the bolt, the square shank on the bolt should pass through the washer. Metal toothed/ring connectors may also be required, depending on the design.