

FIBRE CEMENT: FASTENERS

Correct fastener installation is essential to ensure the long-term performance and weather resistance of fibre cement roofing sheets and associated fittings.

FASTENER TIGHTNESS

- Fasteners must be tightened to the correct torque – neither overtightened nor left too slack.
- Overtightening can cause unnecessary stress around the fixing hole, potentially leading to cracking or premature damage to the sheet.
- Insufficient tightening may result in inadequate sealing and movement under wind loading.
- The fastener should be tightened until the BAZ rubber washer is fully seated and compressed sufficiently to form a weatherproof seal, without distorting the sheet profile or crushing the washer. The washer should sit firmly against the sheet surface, creating a consistent seal around the fixing hole.

PRE-DRILLING REQUIREMENTS

All fibre cement sheets and fittings must be pre-drilled with 5 mm diameter holes prior to fixing. Pre-drilling:

- Reduces the risk of sheet cracking
- Allows for correct fastener alignment
- Provides appropriate clearance for thermal and structural movement
- Ensures accurate positioning of fixings within the sheet profile
- Drilling should be carried out carefully using suitable tools to avoid edge damage.

FASTENER OPTIONS

Thomas Panels and Profiles supply fasteners suitable for:

- Timber (wood) substrates
- Light section steel
- Heavy section steel

All supplied fasteners are fitted with the specialist BAZ rubber sealing washer, specifically designed to provide effective weatherproofing for fibre cement applications.

Correct installation practices, combined with appropriate fastener selection, ensure the durability, structural integrity, and long-term weather performance of fibre cement roofing systems.

