

FIBRE CEMENT: ROOFING SHEET MITRE CUTS GUIDE

PURPOSE

When four roofing sheets overlap at a corner, leaving them unmodified can cause problems such as:

- > Excessive thickness at the lap
- > Sheets not sitting flat
- > Ridge units and flashings failing to seat correctly
- > Stress concentrations at the joint

SOLUTION: Form a mitre cut at the appropriate sheet corners.

MITRE CUT DIMENSIONS

When four roofing sheets overlap at a corner, leaving them unmodified can cause problems such as:

DIMENSION	TYPICAL SIZE	NOTES
Across sheet	70mm	Horizontal removal at the sheet edge
Down sheet	150mm	Vertical removal to allow proper overlap

CLEARANCE: Leave 3-6 mm between sheets and fittings at the mitred junction to allow for thermal expansion and material movement.



INSTALLATION STEPS

1. **Mark the corner** of the sheet where four layers overlap.
2. **Cut a mitre** according to the dimensions above.
3. **Check the clearance gap** (3-6 mm) between sheets and any fittings.
4. **Position sheets** and flashings ensuring they sit flat without distortion.
5. **Compress laps** and verify weather sealing is intact.

MITRE CUT POSITION

