



UCO CTU Ceramics Tile Underlay

Faster
Simple Installation

Stronger
Time-tested

Longer
Lifetime Warranty



UCO CTU

UCO CTU has superior fire performance and dimensional stability, which makes it an ideal substrate for ceramic tiles in wet and dry areas.

Manufactured with a pre-marked nailing pattern, sheets can be easily laid on existing timber flooring with minimal surface preparation.

Product Features

- Water Resistant
- Flat surface for smooth ceramic tile finishing.
- Termite Resistant
- Pre-printed fastener points for ease of installation.
- Fire Resistant
- Square cut edges for neat sheet jointing.
- Fungus Resistant
- Fibre cement superiority with lasting durability.
- Impact Resistant
- Simple and easy installation.
- Good Workability
- No stripping of old floor boards.
- Structurally Strong
- Applicable in wet and dry areas.
- Reduces tile movements.
- Less cutting and joining for large/wider areas.





Sizes

Dimension (Length x Width x Thickness)

- **1800 x 900 x 6.0 mm**
- **1800 x 1200 x 6.0 mm**

Tools and Material

CUTTING

- ✓ Level / straightedge
- ✓ Scoring tools or utility knife
- ✓ Hammer
- ✓ Drill

FASTENERS

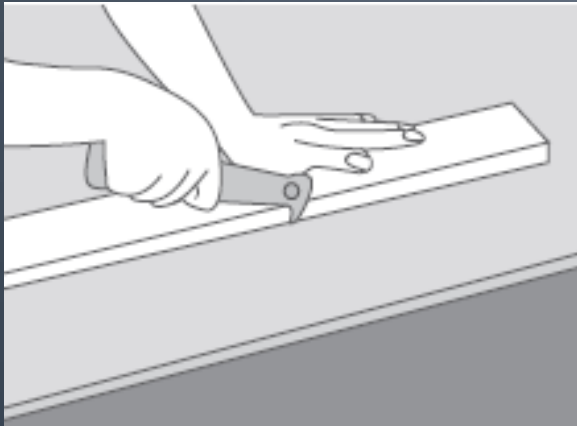
- ✓ 25mm x 2.5mm annular threaded underlay nails.

TAPE

- ✓ 2" wide alkali-resistant fiberglass joint tape.

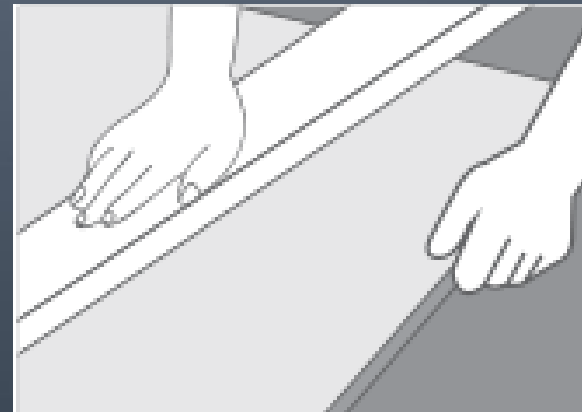
MORTAR

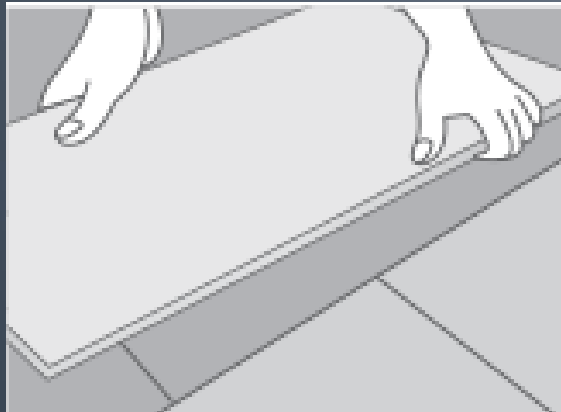
- ✓ Latex or acrylic-modified thin-set mortar



Cut using a "score and snap" knife.
Use a straight edge as a guide while scoring a minimum of $\frac{1}{3}$ of sheet thickness.

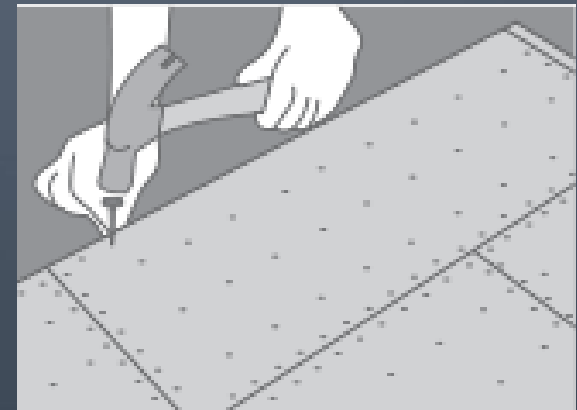
Hold the sheet firmly near the cut, while snapping the off-cut upward to break.

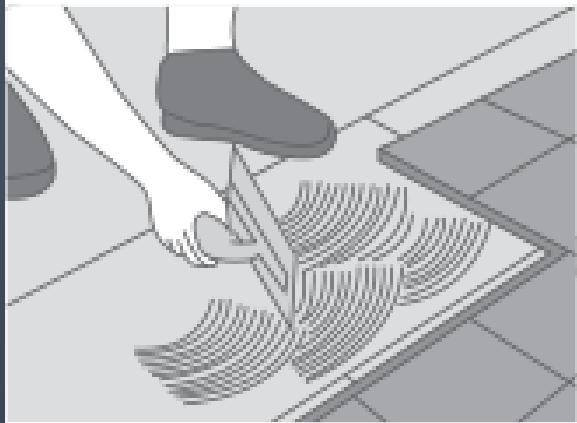




Lay the sheet across the floorboard direction in a staggered (brick) pattern. Sheet joints must not coincide with floorboard joints (provide a minimum of 100mm offset). Allow a minimum of 3mm gap between sheet edges and walls.

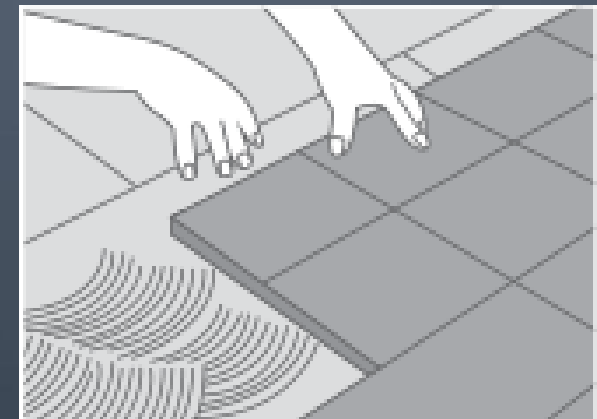
Fasten the sheet from centre and working outwards using the pre-printed nailing pattern. Use 25mm x 2.5mm underlay nails. Drive nails flush with sheet surface.





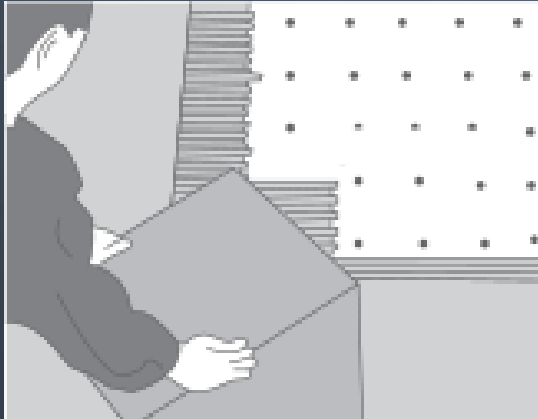
Apply tile adhesive onto the sheet using a notched trowel. Refer to adhesive manufacturer's instructions.

Lay ceramic tiles in accordance with tile manufacturer's recommendations



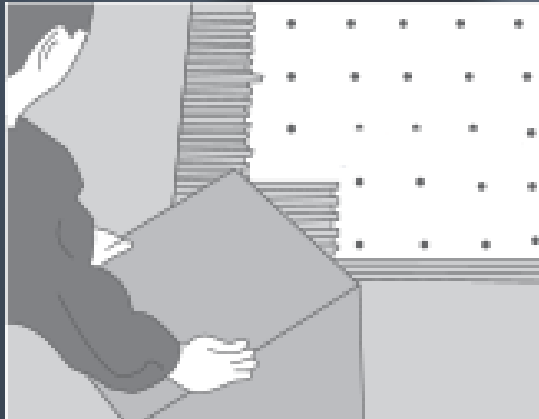


Sheet Fixing Illustrations



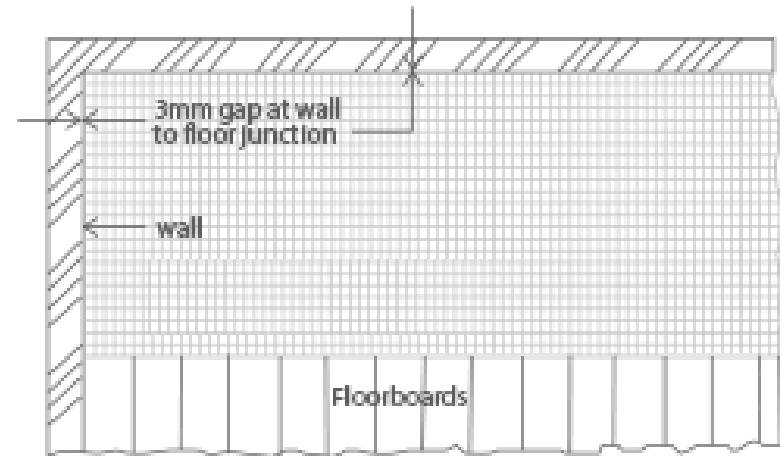
Sheets can be fixed directly to existing timber, particleboard or plywood floor. Ensure that the existing floorboard is flat and in good condition prior to fixing the underlay sheet. Fasten underlay sheets at the pre-marked fixing positions. Underlay sheets should be laid in staggered or brick pattern.

Sheet Fixing Illustrations

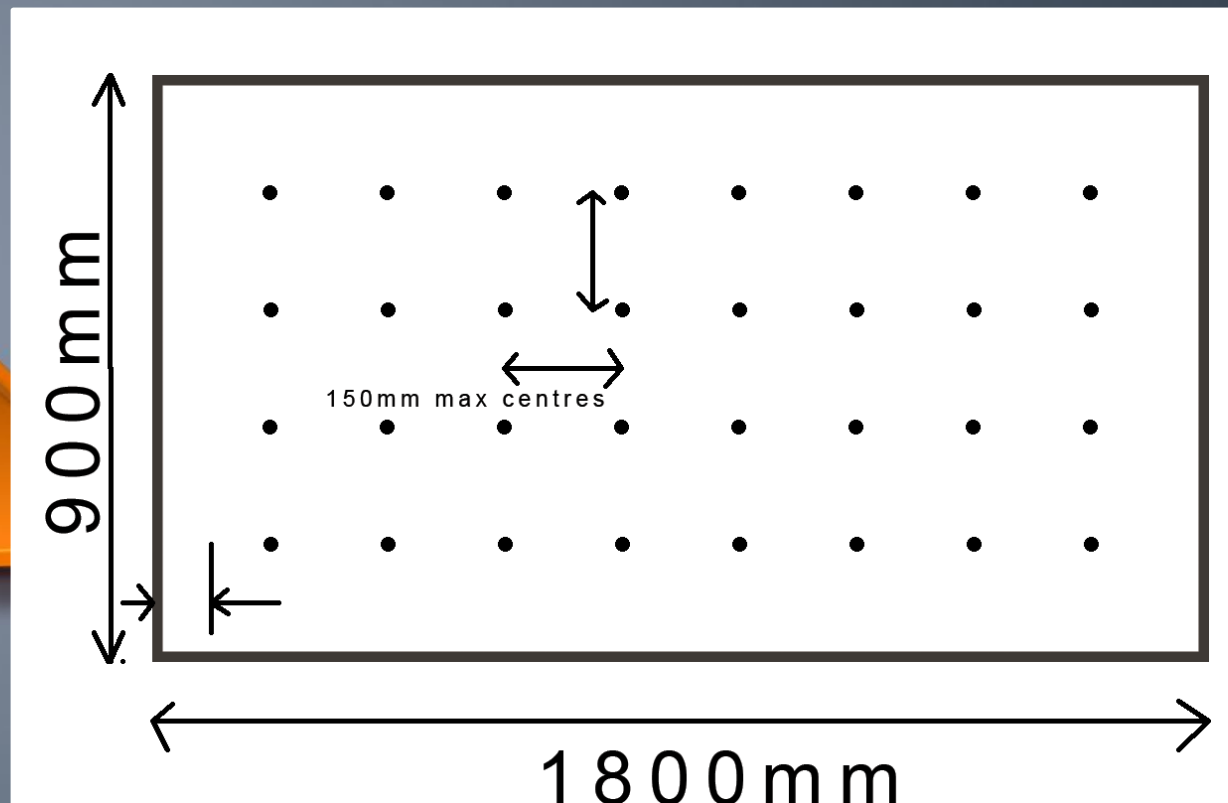


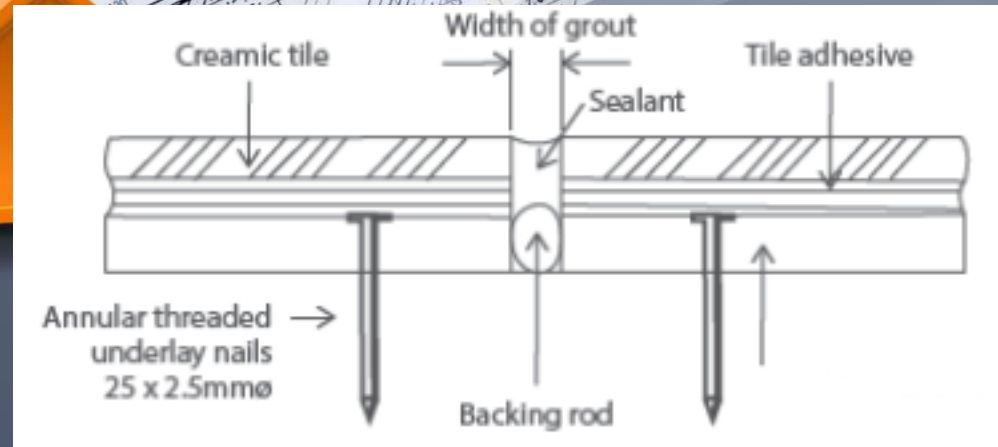
Sheets can be fixed directly to existing timber, particleboard or plywood floor. Ensure that the existing floorboard is flat and in good condition prior to fixing the underlay sheet. Fasten underlay sheets at the pre-marked fixing positions. Underlay sheets should be laid in staggered or brick pattern.

Leave a 3mm gap between sheet edges and wall at the wall-to-floor junction



Use 25mm x 2.5mm annular threaded underlay nails. Nail fixing locations must be at 150mm maximum centres elsewhere
Drive nail heads flush with the underlay sheet surface. Commence nailing from the sheet centre and work outwards towards the sides and ends of sheet.





Expansion joints must be provided at 5.0m maximum centres and must always coincide with the structural break joints of the existing floor structure.

Tile Adhesive & Grout

Use only flexible tile adhesive which comply to AS 2358 - *Adhesive for fixing ceramic tiles*. Refer to tile adhesive manufacturer for recommendations. Grouting material must be fully compressible.

Expansion Joints

Tiles should be laid in accordance with acceptable tile laying practice. Provide a minimum of 2mm to 3mm gap between each tile.