

BEST PRACTICES

CUTTING HIGH DENSITY PORCELAIN TILE

Follow these steps to ensure clean, safe cuts & minimise the risk of tile damage.

Important

- When using a tile cutter, use a titanium cutting wheel to ensure best results.
- When cutting with a grinder, please follow the guidelines below.

Work Surface

1

- Use a **flat, stable surface** that can be cut into (e.g., timber sheeting).
- Place a layer of **rubber** (preferred) or **cardboard** between the tile and the base.
 - This helps reduce vibration, which can lead to cracking.

Drilling Corners

2

- Use a **diamond core drill bit** with **water cooling** to drill out corners.
 - Relieves surface tension and prevents cracks, especially with L-shaped or internal cuts.

Cutting Technique (with Grinder)

3

- Apply **minimal pressure** when cutting or drilling.
 - Too much force can cause the tile to crack or chip.
- Begin with the **outside edges**.
 - Make multiple shallow passes — do not try to cut through in one go.
- Follow up with **diagonal or internal cuts**, if required.
- **Do NOT flip** the tile to cut from the back.
- Use a **wet sponge** along the cutting line to cool both the blade and tile surface.
 - Helps prevent overheating and reduces the risk of cracking.

Important Notes

4

- Always aim to **minimize heat and vibration** — these are the main causes of tile breakage.
- Be aware: **hairline cracks** may form during cutting due to excessive stress.
 - These may not appear immediately but can cause issues later.
- **Do NOT use tile levelling clips on cut tiles.**
 - They can introduce pressure and cause breakage.
- These best practices also apply to **L-shaped cuts**.

For more information, please contact our Head Office

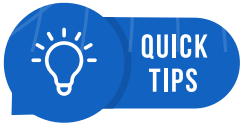
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Date Issued: 13 June, 2025

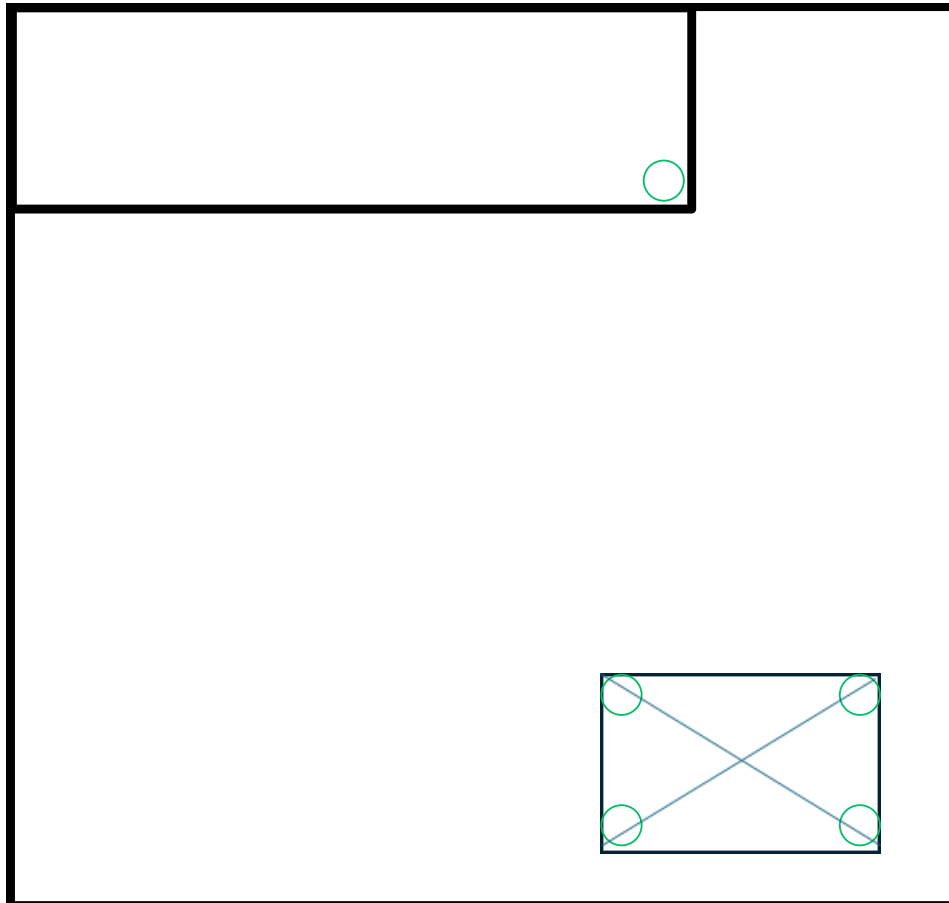
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QUICK TIPS

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