



AC5 Heavy Commercial

Experience the superior quality of our AC5 12mm Imperial Laminate Flooring, available exclusively from Imperial Flooring Australia. This premium collection features an AC5 commercial wear layer and a top-tier 5G click system with 72-hour water resistance, making it perfect for both high-traffic commercial and residential areas. At Imperial Flooring, we prioritise not only quality but also durability and timeless style. Elevate your space with a seamless combination of functionality and elegance.



CLASSIC OAK



CHESTNUT



DRIFTWOOD OAK



NATURAL
BLACKBUTT



PURE OAK



TAN ASH OAK



SPOTTED GUM



LIGHT GREY

PRODUCT SPECIFICATION DATA SHEET

Type	Imperial Laminate Flooring
Construction	MDF 72hr Water Resistant Treated
Board Dimensions	1845mm (Length) x 194mm (Width)
Thickness	12mm (Underlay Sold Separately)
Surface Finish Wear Rating	Matt Finish AC5
Joining System	5G Valinge Licenced Click System
Edging	4 Sided Micro-Bevel
Installation Method	Floating Floor System
Pack Size	1.7897m² 5 x Boards 19kgs
Slip Test Rating	P3
Fire Report Rating	CHF Value: 9.6 kW/m2 Smoke Value: 14 %.min
Acoustic Rating	Refer to the Underlay System
Warranty	Residential: 20 Years Commercial: On Request

Laminate Flooring Installation Guide

To ensure a successful installation of floating laminate flooring, it's important to remember that heavy objects such as kitchen island benches and cabinetry should not be installed directly on floating floors. Instead, the flooring should be cut and laid neatly around these fixed items.

We recommend allowing for at least 10% extra flooring to cover cuts, fitments, and installation wastage.

Unlike hybrid flooring, laminate flooring requires the purchase of a floating floor underlay, which must be installed across the subfloor before laying the laminate planks. This underlay provides cushioning, sound reduction, and added stability for a professional finish.

Materials You'll Need

Before starting, gather the following tools and materials:

- Laminate flooring planks
- Floating floor underlay
- Spacers
- Tape measure
- Mitre saw / Table saw
- White mallet
- Pull bar
- Tapping block
- Straight edge (minimum 2m or 3m recommended)
- Multi-tool
- Cleaning supplies

Step 1: Prepare the Subfloor

The subfloor must be **flat, dry, clean**, and solid to ensure a proper installation.

- Remove any carpet staples, glue, or residue.
- Thoroughly vacuum and clean the surface.
- Using a minimum **2m straight edge**, check for **flatness. *3mm over 3m Australian Standards requirement***
- Any uneven areas must be corrected to the manufacturer's tolerance guidelines (using self-levelling compounds, floor grinding, or sanding).

✦ A properly prepared subfloor guarantees the **longevity and appearance** of your new laminate flooring.

Step 2: Lay the Underlay

Install the floating floor underlay across the subfloor.

This layer provides **moisture protection, cushioning, and sound reduction**, creating the perfect foundation for your laminate flooring.

Step 3: Plan the Layout

Carefully measure the room to decide where to begin laying the planks.

- Aim for a balanced look across the space.
- Consider how the planks will line up at walls, doorways, and transitions.

✦ **Tip:** Precision planning saves time and reduces offcuts.

Step 4: Undercut Door Frames

Use a laminate plank as a height guide, flip it upside down, and trim the bottom of the door frame with a multi-tool.

This allows the laminate to slide neatly underneath for a clean, professional finish.

Step 5: Install the First Row

- Begin along the longest wall.
- Cut off the tongue side of the first row with a table saw or jigsaw.
- Use spacers to maintain a 10mm expansion gap around the perimeter.
- Ensure the first row is perfectly straight — this sets the foundation for the entire installation.

Step 6: Continue Installing

- Install the next rows by engaging the planks into the locking system.
- Start each new row with the offcut from the previous row to stagger the joints.

Key Guidelines:

- **Minimum plank length:** 20cm
- **Joint offset:** at least 40cm
- Tilt the plank at a 15–25° angle, lower it into place, then lock the joint with light pressure.
- Use a **tapping block and white mallet** (never strike planks directly) to close gaps.

This ensures a tight, seamless fit while protecting the locking system.

Step 7: Cut Around Obstacles

- When installing around doorways, cupboards, or kitchen units, carefully measure and cut the planks for a precise fit.
- Always maintain the **10mm expansion gap** around all fixed structures.

Step 8: Finish the Installation

- Imperial Laminate AC4 or AC5 **Expansion Gaps:** Room to room separation breaks, we recommend when exceeding 8m x 8m
- 200hr 4D Laminate (Only) **Expansion Gaps:** 10mm expansion (12m x 12m) + 15mm (20m x 20m) – up to 20metre runs without room separation
- Re-check and adjust door frame undercuts if necessary.
- Install skirting boards for a polished, seamless finish.

Expert Tips for a Flawless Finish

- ✔ **Follow Manufacturer Guidelines** – Always check specific instructions for your laminate flooring.
- ✔ **Use Quality Tools** – Sharp, accurate tools make cleaner cuts and easier installation.
- ✔ **Invest in Premium Insulation** – The better the quality of underlay, the better performance. Minimum 3mm is recommended.
- ✔ **Maintain Expansion Gaps** – Consistent 10mm gaps prevent buckling and allow natural expansion.