

ARCHITECTURAL SPECIFICATION

9mm Imperial Hybrid Flooring™



1. PRODUCT DESCRIPTION

Imperial Hybrid Flooring™ 9mm is a premium rigid SPC (Stone Plastic Composite) waterproof flooring system engineered for exceptional durability, dimensional stability and everyday performance. Featuring an integrated **2mm IXPE acoustic underlay**, a high-definition embossed decorative surface and a protective UV wear coating, it delivers the authentic appearance of natural timber while providing outstanding resistance to moisture, wear and daily use.

2. PERFORMANCE CHARACTERISTICS

- **100% Waterproof** rigid SPC construction.
- **Rigid Stone Plastic Composite (SPC) Core** for exceptional dimensional stability and structural performance.
- **Integrated 2mm Premium IXPE Acoustic Underlay** enhances underfoot comfort while reducing footfall and airborne noise.
- **High-Definition Embossed Surface** providing a realistic timber appearance and texture.
- **UV Protective Wear Layer** offering superior scratch, stain and wear resistance.
- **Licensed Välinge® 5G Locking System** enables fast, secure and reliable installation.
- **FloorScore® Certified** for low VOC emissions, contributing to healthier indoor air quality.
- Suitable for both **Residential and Commercial** applications.

3. INSTALLATION SPECIFICATION

Installation is to be carried out in accordance with Imperial Flooring Australia® Hybrid Installation Guidelines. Imperial Hybrid Flooring™ is designed for floating installation only. Boards interlock using a licenced 5G Valinge click-locking system and must not be glued or fixed to the subfloor (Only Stair Install)

4. PRODUCT SPECIFICATION DATA SHEET

Brand Manufacturer	Imperial Hybrid Flooring™ By Imperial Flooring Australia®
Type	SPC Hybrid Flooring
Construction	Embossed Wear Layer with SPC Limestone & PVC Composite Core
Board Dimensions	1800mm (Length) x 228mm (Width)
Thickness Top Layer	9mm 0.5mm Wear Layer (2mm Built in IXPE Acoustic 6 star Underlay)
Surface Finish	UV Coating - Embossed Scratch Armour
Joining System	Patented 5G Valinge Licenced Click
Edging	Micro-Bevel
Installation Method	Floating Floor System
Pack Size	1.6416 m² 4 x Boards 24kgs
Slip Test Rating	P3
VOC Rating Fire Rating	Formaldehyde: E1 Fire: Bfi-sI
Acoustic Rating	AAAC 6 Star
Warranty	Residential: 20 Years Commercial: On Request



4.1 GENERAL SITE REQUIREMENTS

- Building must be weather-tight and fully enclosed
- Wet trades completed and areas fully dry
- Subfloor must be structurally sound, clean, dry and level
- Maximum subfloor flatness tolerance: 3mm deviation over 3 metres
- Remove all debris, adhesives, protrusions and contaminants prior to installation
- Maintain perimeter expansion gaps at all vertical obstructions
- Do not install over additional underlay (product includes pre-attached acoustic backing)

5. INSTALLATION METHOD – FLOATING SYSTEM

Preparation

- Condition product to installation area temperature prior to laying
- Work from multiple packs to distribute colour variation
- Use spacers to **maintain expansion gaps of 10mm** across the perimeter
- No additional underlay permitted
- Undercut door jambs where required
- Additional polyethylene moisture barriers are not required under normal dry internal conditions, Where excessive moisture is present or suspected, a compliant moisture barrier system must be installed prior to laying flooring.

Laying Procedure

- Begin installation from a straight wall or set out point
- Maintain minimum 10mm perimeter expansion gap
- Engage click-lock profile at slight angle and lower into position
- Use tapping block and pull bar where required (without damaging locking system)
- Stagger end joints randomly for structural integrity and finish appearance

Expansion Gaps

For installations exceeding 12m x 12m:

- Install expansion breaks at doorways; or Increase expansion allowance by 1mm per metre beyond 12 metres.

Finishing

- Install scotia, trims and transition profiles to conceal expansion gaps
- Fix trims to wall or substrate – not to the floating floor

6. FULL INSTALLATION GUIDE LINK:

www.imperialflooringaustralia.com.au/hybrid-flooring-install-guide

7. CARE & MAINTENANCE

- Sweep or vacuum regularly
- Clean with pH-neutral flooring cleaner
- Avoid excessive water or steam cleaning
- Use protective pads under furniture
- Do not drag heavy objects across surface

8. COMPANY DETAILS

Imperial Flooring Australia® PTY LTD | Website: www.imperialflooringaustralia.com.au | Phone: 1300 676 176

Disclaimer

Installation must be carried out in accordance with this guide and relevant Australian Standards. **Imperial Flooring Australia®** accepts no responsibility for failure resulting from improper installation, subfloor non-compliance, environmental conditions, or failure to follow these instructions.