TECHNICAL DATA SHEET

Timba Touch

SPC hybrid flooring

Product specifications, performance and field acoustic results.

6.5 mm	0.5 mm	1.5 mm
Total product thickness	Wear layer	Attached IXPE backing

01 Product & construction

PROPERTY	DECLARED SPECIFICATION
Flooring type	**SPC hybrid flooring**
Plank size (L × W)	**1524 × 228 mm**
Total product thickness	**6.5 mm**
Wear layer / surface treatment	**0.5 mm wear layer / high-density PUR**
Backing	**1.5 mm acoustic IXPE, pre-attached**
Finish / texture	**Matte / deep embossed**
Edge profile	**Micro bevel**
Planks per carton	**6**
Nominal carton coverage	**2.082 m²**
Mass per unit area	**9.94 kg/m²**
Installation method	**Floating; premium locking system**
Water-resistance declaration	**Waterproof product; see installation scope**

Installation scope

Use indoors and follow the Timba Touch SPC Hybrid Installation Guide. The installed floor is not a wet-area waterproofing system. Seek advice for wet areas, stairs and heating.

DECLARED PRODUCT PERFORMANCE

Wear, stability & surface tests

Mechanical properties, surface durability and performance classifications.

02 Mechanical & surface properties

PROPERTY	TEST REFERENCE	DECLARED VALUE
Wear resistance	EN 660-2	**Group T**
Squareness / straightness	EN ISO 24342	**≤ 0.25%**
Dimensional stability	-	**Horizontal: 0.73 mm/m; vertical: 0.5 mm/m**
Curling after heat exposure	EN 434	**≤ 1.2 mm**
Lightfastness	EN ISO 105-B02	**≥ 6**
Furniture-leg resistance	EN 424	**No cracking or damage**
Castor-chair resistance	EN 425	**Passed**
Reaction to fire	EN 13501-1	**B_{fl}-s1**
Stain resistance	EN ISO 26987	**No change**
Ramp slip rating	-	**R10**
Wet-pendulum slip rating	-	**P3**
Length / width flatness	-	**≤ 0.05% / ≤ 0.05%**
Average joint opening	-	**Pass**
Locking strength	-	**160 N per 5 cm**

SYSTEM + INSTALLATION DATA

Thermal, electrical & installation

Published system properties and key requirements from the companion installation guide.

03 Thermal, electrical & material declarations

PROPERTY	BASIS / METHOD	DECLARED VALUE
Thermal resistance	EN 12667	**0.07 m²·K/W**
Underfloor heating	Operating limit	**Suitable; maximum 27°C**
Electrical resistance	EN 1081	**≤ 5.0 × 10^{11} Ω**
Electrostatic performance	EN 1815	**≤ 2 kV**
Phthalate-free declaration	Material declaration	**Passed**
Heavy-metal-free declaration	Material declaration	**Passed**
Published warranty periods	Subject to applicable terms	**Residential: 20 years; commercial: 10 years**

04 Installation parameters

PARAMETER	FLOOR TRADER GUIDE REQUIREMENT
Conditioning	**48 hours at 15-25°C before laying; maintain during installation and for 48 hours after.**
Subfloor flatness	**Maximum 3 mm variation under a 3 m straightedge.**
Movement gap	**6-10 mm at fixed edges; 10 mm recommended where practical.**
Moisture-barrier film	**Minimum 150 microns (0.15 mm) PE; 300 mm overlaps and taped joins on an approved base.**
Layout	**Minimum 300 mm stagger / end pieces; minimum 50 mm first / last row width.**
Continuous floor area	**Up to 12 × 12 m per simple room; breaks at doorways and complex layouts.**

Read the full installation guide for moisture assessment, substrate suitability, movement details and care. Confirm the heating system and adhesive-free floating assembly before installation; do not add soft underlay.

FIELD ACOUSTIC EVIDENCE

Measured impact-sound performance

Palmer Acoustics certificate: project 5989, test 2 of 3, measured 8 December 2023.

50 dB

$L'_{nT,w}$ - weighted standardised impact sound pressure level.
Measured for the tested floor / building assembly.

TEST DETAIL	RECORDED INFORMATION
Test surface / installation	**6.5 mm SPC hybrid / loose laid**
Test location	**Unit 4 bedroom to Unit 2 bedroom, 1 Pacific Blvd, Buddina, Queensland**
Certificate standards	**ISO 16283-2:2015 and ISO 717-2:2013**
Receiving room / normalisation	**31 m³ / reference reverberation time 0.5 seconds**
Recorded ceiling construction	**Concrete**

05 One-third-octave measured levels

FREQUENCY Hz	LEVEL dB	FREQUENCY Hz	LEVEL dB
100	55.1	630	**46.2**
125	50.3	800	**48.9**
160	54.8	1000	**42.9**
200	57.2	1250	**38.2**
250	56.3	1600	**31.2**
315	56.8	2000	**26.0**
400	56.4	2500	**20.5**
500	53.9	3150	**< 18.1**

$L'_{nT,w}$ measures transmitted impact sound; lower values indicate better impact-sound insulation. The result applies to the tested floor and building assembly. Performance in other buildings depends on their construction.