LAMINATE FLOORING

Versailles+ Oak laminate panel - D12SO83P

Versailles+ Oak laminate panel - D12SO83P — laminate flooring from the Maison collection, class AC5, click installation.

AC5 8 MM HERRINGBONE LAMINATE | STRATIFIÉ | REACTION TO FIRE CFL-S1



IDENTIFICATION

Dartank reference	**D12SO83P**
Dartank EAN	**3701839357026**
Material	**AC5 8 mm herringbone laminate**
Sales unit	**Square metre (m²)**

OVERVIEW

Overview

8 mm laminate boards, 504 × 84 mm (A and B boards) for herringbone installation, AC5 class, use 23 / 33, 24 h water resistance.

KEY BENEFITS

01
Herringbone pattern

A and B boards to create a herringbone pattern, without glue.

02
AC5 abrasion

AC5 class (≥ 6000 cycles) to EN 13329: the highest wear resistance in the range.

03
Use class 33

Class 33: withstands heavy commercial use.

04
24 h water resistance

Spills can stay on the surface for up to 24 h without damaging the floor.

05
Lifetime home warranty

Lifetime manufacturer warranty for residential use, subject to conditions.

06
Fire rating Cfl-s1

Cfl-s1 classification to EN 13501-1.

PRODUCT CHARACTERISTICS

Material	**Stratifié**

THE MATERIAL

AC5 8 mm herringbone laminate

8 mm laminate boards, 504 × 84 mm (A and B boards) for herringbone installation, AC5 class, use 23 / 33, 24 h water resistance.

Floor covering type	**Laminate (HDF)**
Use class	**23 / 33**
Thickness	**8 mm**
Bevel	**4 sides**
Joining system	**Click, A and B boards**

PERFORMANCE AND TEST RESULTS

Property	Standard	Result
Density	EN 323	**900 kg/m³**
Reaction to fire	EN 13501-1	**Cfl-s1**
Water resistance		**24 h (liquid on the surface)**
Abrasion class	EN 13329	**AC5**
Abrasion resistance	EN 13329	**≥ 6000 cycles**
Impact resistance	EN 13329	**Small ball 70 mm; large ball 1000 mm**
Castor chair	EN 425	**Type W castors: no damage**

Property	Standard	Result
Furniture leg	EN 16581	**No visible damage (type 0 foot)**
Swelling after 24 h	ISO 24336	**12 %** (requirement ≤ 15 %)
Thermal resistance	ISO 8302	**0.08 m²·K/W** (avec sous-couche adaptée)
Stain resistance	EN 438	**Class 5 (groups 1 and 2); class 4 (group 3)**
Formaldehyde emission	EN 717-1	**E1**
Indoor air emissions		**A+**
Slip resistance	EN 13893	**DS**
Certified wood		**PEFC**

COMPOSITION

Board structure

01 Surface	Decor paper impregnated with melamine resin, direct-pressure laminated.
02 Core	Moisture-resistant high-density fibreboard (HDF), water-repellent treated.
03 Backing	Melamine-impregnated paper (balancing layer).

TECHNICAL DOCUMENTS

CE
CE marking
EN 14041:2004/AC:2006 ; EN 13329
On request

DoP
Declaration of performance
EN 14041 · 2018
On request

GARANTIE
Manufacturer warranty terms — laminate floors
2025
On request

WARRANTY

Warranty

Lifetime
Residential use

10 years
Commercial use

Spills wiped within 24 h: lifetime for residential use
Water resistance

Installation according to the instructions with approved accessories warranty for the first purchaser only, on invoice.
Conditions

Appearance defects visible before installation, abnormal wear, scratches and impacts, water damage (leaks, flooding), subfloor moisture.
Exclusions

UNDERFLOOR HEATING

Underfloor heating

Approved systems	Low-temperature hot-water or electric heating embedded in the screed; floating installation only.
Thermal resistance	Total floor thermal resistance (covering + underlay) ≤ 0.15 m²·K/W.
Temperatures	27 °C maximum at the surface; 50 °C maximum flow temperature; changes of no more than 5 °C per day.
Commissioning	Screed at least 21 days old; heat up gradually for at least 2 weeks before installation, then switch off until the floor is below 18 °C to install.
After installation	Raise the temperature by 5 °C per day; keep at least 50% relative humidity in the heating season; avoid thick rugs that trap heat.
Floor area	Continuous length and width ≤ 12 m on heated floors.
Floor cooling	Allowed with dew-point control: flow water never below 18–22 °C depending on climate; recommended thermal resistance ≤ 0.09 m²·K/W.

INSTALLATION

SUBFLOOR
Dry, clean, flat and stable; flatness ≤ 2 mm under a 1 m straightedge.

SCREED MOISTURE
≤ 1.5% (cement screed) or ≤ 0.3% (anhydrite screed), through the full thickness.

ACCLIMATISATION
48 h in the room of installation, packs unopened, at 18–22 °C and 40–65% relative humidity.

UNDERLAY
Underlay compliant with EN 16354; on mineral screeds, PE film ≥ 0.2 mm with 20 cm taped overlaps.

EXPANSION GAPS
8 to 10 mm along walls, around pipes, thresholds and fixed elements; break joints under doors and beyond 10 m.

FLOATING FLOOR
The floor must never be fixed to the subfloor: no kitchen island or heavy furniture screwed onto it.

Installation

1. **1** Check each board in daylight before installing: a board with a visible defect must not be laid (installation means acceptance).
2. **2** Roll out the PE film, then the underlay, edge to edge, without overlapping the underlay.
3. **3** Lay the first row with 8 to 10 mm spacers against the walls.
4. **4** Click the boards together, short side then long side, staggering the end joints from row to row.
5. **5** Leave an 8 to 10 mm gap around pipes, posts and door frames; create a break joint at doorways.
6. **6** Remove the spacers, then fix skirting and profiles to the wall or subfloor, never to the flooring.
7. **7** Wet rooms (water-resistant ranges): fill expansion gaps with compressible PE backer rod and elastic silicone; seal skirting, profiles and pipe roses.

Storage

- **Room conditions** Optimal conditions: 18–22 °C and 40–65% relative humidity, before, during and after installation.
- **Acclimatisation** Leave the packs unopened for 48 h in the room of installation.

MAINTENANCE

Care and maintenance

Dry cleaning	**Soft brush, vacuum cleaner or microfibre mop for daily cleaning.**
Damp cleaning	**Well-wrung mop and lukewarm water; if needed, a laminate cleaner without wax or soap.**
Avoid	**Steam cleaners, undiluted product poured on the floor, organic detergents, waxes, varnishes, polishes and steel wool.**
Protection	**Doormat at the entrance, felt pads under furniture, protective mat under castor chairs.**
Stains	**Coffee, wine, grease: wrung cloth and a little synthetic detergent. Ink, varnish, tar: methylated spirit or acetone (not in bevels). Wax, chewing gum: let harden, then scrape with a plastic scraper.**
Static electricity	**Keeping relative humidity at around 50% or more reduces static build-up.**

QUANTITIES

COVERAGE PER M² — 8% cutting waste

AREA	BILLED
5 m²	5.4 m²
10 m²	10.8 m²
20 m²	21.6 m²
50 m²	54 m²

> **IMPORTANT**
>
> Except for water-resistant ranges, laminate must not be laid in wet or very humid rooms (bathrooms, saunas). No range is suitable for walk-in showers, saunas, pools or rooms with a floor drain.

Non-contractual document. Values are given for guidance; official documents are available on request.