LAMINATE FLOORING — COLLECTION 3

Pustynny Oak laminate panel

Pustynny Oak laminate panel — laminate flooring Hydro24 24 collection, class AC4, click installation.

WATER-RESISTANT AC4 8 MM LAMINATE | STRATIFIÉ | REACTION TO FIRE CFL-S1



IDENTIFICATION

Dartank reference	**D12SO37P**
Dartank EAN	**3701839357484**
Material	**Water-resistant AC4 8 mm laminate**
Colors	**Marron**
Sales unit	**Square metre (m²)**

OVERVIEW

Overview

8 mm laminate board on a water-repellent HDF core, AC4 class, 4-sided bevels, 24 h water resistant and lifetime residential warranty.

KEY BENEFITS

01
Moisture-resistant HDF core
High-density fibreboard (900 kg/m³) treated against moisture.

02
24 h water resistance
Spills can stay on the surface for up to 24 h without damaging the floor.

03
AC4 abrasion
AC4 class to EN 13329: suited to busy living areas.

04
Lifetime home warranty
Lifetime manufacturer warranty for residential use, subject to conditions.

05
Underfloor heating
Compatible with low-temperature underfloor heating, water or electric, embedded in the screed.

06
Sustainably sourced wood
Wood fibres from sustainably managed forests (PEFC).

PRODUCT CHARACTERISTICS

Material	**Stratifié**

THE MATERIAL

Water-resistant AC4 8 mm laminate

8 mm laminate board on a water-repellent HDF core, AC4 class, 4-sided bevels, 24 h water resistant and lifetime residential warranty.

Floor covering type	**Laminate (HDF)**
Thickness	**8 mm**
Bevel	**4 sides**
Joining system	**Click**

PERFORMANCE AND TEST RESULTS

Property	Standard	Result
Use class	EN 13329	**23 / 32**
Density	EN 323	**900 kg/m³**
Reaction to fire	EN 13501-1	**CfI-s1**
Water resistance		**24 h (liquid on the surface)**
Abrasion class	EN 13329	**AC4**
Abrasion resistance	EN 13329	**≥ 4000 cycles**
Impact resistance	EN 13329	**Small ball ≥ 35 mm; large ball ≥ 750 mm**
Castor chair	EN 425	**Type W castors: no damage**
Furniture leg	EN 16581	**No visible damage (type 0 foot)**
Swelling after 24 h	ISO 24336	**12 %** (requirement ≤ 18 %)
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

5 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	SCREED MOISTURE	ACCLIMATISATION	UNDERLAY
Dry, clean, flat and stable; flatness ≤ 2 mm under a 1 m straightedge.	≤ 1.5% (cement screed) or ≤ 0.3% (anhydrite screed), through the full thickness.	48 h in the room of installation, packs unopened, at 18–22 °C and 40–65% relative humidity.	Underlay compliant with EN 16354; on mineral screeds, PE film ≥ 0.2 mm with 20 cm taped overlaps.

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

COLOURS AND OPTIONS

Colors

- Marron

> **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.