VINYL FLOORING — COLLECTION 2

Empire Oak vinyl panel

Empire Oak vinyl panel — Chevron collection laminate flooring, click installation.

6 MM RIGID SPC VINYL WITH INTEGRATED UNDERLAY | VINYLE



IDENTIFICATION

Dartank reference	**D12BO02P**
Dartank EAN	**3701839357729**
Material	**6 mm rigid SPC vinyl with integrated underlay**
Sales unit	**Square metre (m²)**

OVERVIEW

Overview

5 mm rigid vinyl board with a mineral core and integrated 1 mm underlay, 4-sided bevels, 100% water resistant, underfloor-heating compatible.

KEY BENEFITS

01
100% water resistant
Rigid mineral core unaffected by water: ideal for kitchens, hallways and bathrooms.

02
Integrated underlay
1 mm factory-fitted underlay: no extra underlay needed.

03
Glueless click
Click joining for floating installation: fast, clean and removable.

04
Underfloor heating
Compatible with embedded underfloor heating, up to 27 °C at the surface.

05
Use class 33
Class 33: withstands heavy commercial use.

06
20-year warranty
20-year manufacturer warranty for residential use.

PRODUCT CHARACTERISTICS

Material	**Vinyle**

THE MATERIAL

6 mm rigid SPC vinyl with integrated underlay

5 mm rigid vinyl board with a mineral core and integrated 1 mm underlay, 4-sided bevels, 100% water resistant, underfloor-heating compatible.

Floor covering type	**Rigid SPC vinyl**
Use class	**23 / 33**
Thickness	**6 mm**
Integrated underlay	**1 mm**
Bevel	**4 sides**
Joining system	**Click, floating installation**

PERFORMANCE AND TEST RESULTS

Property	Standard	Result
Water resistance		**100% water resistant**
Underfloor heating		**Compatible, surface ≤ 27 °C**

TECHNICAL DOCUMENTS

GARANTIE

Manufacturer warranty terms — vinyl floors

2024

On request

WARRANTY

Warranty

20 years
Residential use

5 to 7 years depending on range, on request
Commercial use

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	Heating embedded at least 12 mm below the subfloor surface, floating installation. Non-embedded electric films or mats not recommended.
Temperature	Floor surface temperature ≤ 27 °C; floor sensor recommended.
Installation	Switch off heating 24 h before, during and 24 h after installation; new screed: carry out the heating-up protocol first.
Restarting	Increase gradually, in 5-degree steps, to normal operation.

INSTALLATION

ROOMS
Indoor rooms with controlled temperature, kept between 20 and 25 °C before and during installation; afterwards between 10 and 50 °C.

ACCLIMATISATION
Usually not needed; if the boxes were exposed below 10 °C or above 40 °C in the previous 12 h, leave them closed for 12 h at room temperature.

FLATNESS
Deviations ≤ 5 mm under a 3 m straightedge and ≤ 1 mm over 20 cm; level hollows and joints wider than 4 mm.

CONCRETE SUBFLOOR
Concrete at least 60 days old, dry and clean; moisture ≤ 2.5% (CM method), pH ≤ 9; PE vapour barrier ≥ 0.15 mm recommended.

UNDERLAY
Integrated underlay: do not add another (risk to the locking system and the warranty).

EXPANSION GAPS
10 mm perimeter gap along walls and around fixed elements; expansion profiles beyond 400 m² or 20 m in length.

UNSUITABLE SUBFLOORS
Carpet, cushioned soft vinyl, any other floating floor; flood-prone areas, saunas and outdoors.

Installation

1. **1** Check the boards in daylight (colour, gloss, edges); mix 3 to 4 boxes during installation; allow 5 to 10% for cutting waste.
2. **2** Remove skirting and furniture, vacuum thoroughly; undercut door frames so the floor can move freely.
3. **3** Lay the boards in the direction of the main light source; last row at least 50 mm wide.
4. **4** Start on the left, tongue facing you, with spacers against the wall; lock the short side by tapping with a rubber mallet.
5. **5** Stagger end joints by at least 20 cm; no cut piece shorter than 30 cm at the start or end of a row.
6. **6** Never fix kitchen units or heavy items onto the floor: it must remain free to move.
7. **7** Finish with skirting fixed to the wall leaving a slight gap, and T-profiles where the floor meets other floor coverings.

Storage

- **Flat** Store boxes flat, never on edge, protected from impacts.
- **Handling** Heavy product: use a trolley and proper lifting techniques.

MAINTENANCE

Care and maintenance

Daily	**Soft-bristle broom or vacuum cleaner; wipe up spills immediately.**
Damp cleaning	**Damp mop and vinyl floor cleaner. Steam mop tolerated: lowest setting, soft pad, never more than 5 s in one place.**
Avoid	**Abrasives, bleach, wax; latex- or rubber-backed mats (discolouration); dragging heavy objects.**
Protection	**Felt pads under furniture and a doormat outside the entrance.**

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**
>
> Although water resistant, this floor is not a barrier against subfloor moisture: a vapour barrier is still required on mineral slabs. It is not suitable for saunas, flood-prone areas or outdoors.

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