



QUICK-STEP®

ALPHAVINYL

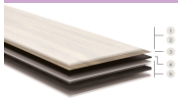
TECHNICAL DATA SHEET

Edition 07/2024

DIMENSIONS

| FORMAT | BLOS BASE [AVSPT(-)] | | ORO BASE [AVSTT(-)] |
|---------------------------|----------------------|--|----------------------|
| | Small Plank | | Small Tile |
| Width | EN 17539:2021-08 | 189 mm | 303 mm |
| Length | EN 17539:2021-08 | 1251 mm | 610 mm |
| Number of panels per pack | | 12 | 15 |
| m ² per pack | | 2,837 m ² | 2,772 m ² |
| Weight per pack | | 18,60 kg | 18,20 kg |
| Total mass per unit area | EN ISO 23997:2012-02 | 1610±50 kg/m ³ | |
| Total thickness | EN 17539:2021-08 | 4 mm | |
| Finishing | | Advanced PU -Top coating with Scratch & Stain Guard technology | |
| Tongue and groove | | Uniclic® connection | |
| Bevels | | Genuine | |

PANEL BUILD-UP



- 1 Top lacquer
- 2 PVC wearlayer
- 3 PVC printfilm
- 4 PVC soft layer
- 5 PVC backing with glass fibers

FACTORY WARRANTY

| | METHOD | PARAMETERS | VALUES |
|--------------|-------------------------------|-------------------------|-------------------------------------|
| Usage class | EN ISO 10874 | | Class 23 - 33 |
| Product norm | EN 16511:2023-05 | | |
| CE | EN 14041:2004+AC:2005+AC:2006 | Notified body | NB 2401 - CRET |
| UKCA | EN 14041:2004+AC:2005+AC:2006 | Approved body | AB 0321 - Satra UK |
| Warranty | Residential use | See warranty conditions | Lifetime |
| | Commercial use | See warranty conditions | 5 years - on request up to 15 years |

GENERAL DATA

| | METHOD | PARAMETERS | NORM REQUIREMENTS | QUICK-STEP VALUES |
|--------------------------------|-----------------------------------|---|--|---|
| Squareness & straightness | EN 17539:2021-08 | | $q_{max} \leq 0,20 \text{ mm} \mid s_{max} \leq 0,30 \text{ mm/m}$ | OK |
| Light fastness | EN ISO 105-B02:2014-08 | Blue reference | Class ≥ 6 | Class > 7 |
| Dimensional stability | EN ISO 23999:2021-11 | 6 hrs at 80°C | $\leq 10,15\%$ | OK |
| Curling | EN ISO 23999:2021-11 | | $\leq 12 \text{ mm}$ | Average production result: $\leq 11 \text{ mm}$ |
| Wear resistance | ISO 24338:2022-03, Procedure B | | $\geq 5000 \text{ cycles}$ | Average production result: $\geq 7000 \text{ cycles}$ |
| Impact resistance | EN 13329:2006+A1:2008-08, Annex F | | $\geq 1600 \text{ mm}$ | Average production result: $\geq 1800 \text{ mm}$ |
| Scratch resistance | EN 16094:2021-06, method A and B | | $1 \leq 1,5 \text{ Unit change I at } 60^\circ$ | $\Delta R' = 0$ MSR-B1 |
| Castor chairs | EN ISO 4918:2021-03 | Without underlay | No delamination, no disturbance | $\geq 25000 \text{ cycles}$ |
| | | On a HEAT underlay | No delamination, no disturbance | $\geq 25000 \text{ cycles}$ |
| | | For residential application only | | |
| | | On a COMFORT underlay | No delamination, no disturbance | $\geq 10000 \text{ cycles}$ |
| Displacement of furniture feet | EN ISO 16581:2019-06 | On a TRANSIT underlay | No delamination, no disturbance | $\geq 10000 \text{ cycles}$ |
| | | Foot 0,1 mm / 32 kg | No visible damage | OK |
| Residual indentation | EN ISO 24343-1:2012-01 | | $\leq 0,1 \text{ mm}$ | Average production result: $\leq 0,05 \text{ mm}$ |
| Resistance against staining | EN 438-2:2016+A1:2018-12 | Acetone - Coffee - NaOH - H2O2 - Shoe Polish | | Grade 5 (No change) |
| Swelling | ISO 24336:2005-03 | | $\leq 18\%$ | No swelling |
| Locking strength | ISO 24334:2019-07 | Fmax long side | $\geq 1,0 \text{ kN/m}$ | OK |
| | | Fmax short side | $\geq 1,5 \text{ kN/m}$ | OK |
| Water Resistance | ISO 4760:2022-05 | Qualitative rating for Recovery swell | | Grade 1 (No change) |
| | | Quantitative rating for Recovery swell | | $\leq 0,02 \text{ mm}$ |
| | | Joint leakage | | No leakage |
| Acoustic insulation | DIN EN ISO 717-2:2013-06 | Impact sound reduction | On a HEAT underlay | $\Delta L_w = 14 \text{ dB}$ |
| | | | On a COMFORT underlay | $\Delta L_w = 18 \text{ dB}$ |
| | | | On a TRANSIT underlay | $\Delta L_w = 18 \text{ dB}$ |
| Floor heating | | Appropriate for all standard heating systems IN cement subfloors. Limited application with heating films and alternatives. Max contact temp $\leq 27^\circ\text{C}$. See separate installation instructions. | | |

ENVIRONMENT, SAFETY & HEALTH

| | METHOD | PARAMETERS | NORM REQUIREMENTS | QUICK-STEP VALUES |
|----------------------------------|--|--|---|--|
| AFFSET | | | | A+ |
| Floorscore | | | | SCS-FS-05158 |
| Finnish Building Emission | | | M1: Very low emission, odorless | OK |
| Formaldehyde emission | EN 717-1:2004-10 | No added formaldehyde in production | E1 ($\leq 0,124 \text{ mg/m}^3$) | < Detection limit |
| TVOC 28 days | ISO 16000 part 9-6 | AgBB requirement after 28 days $<1000 \mu\text{g/m}^3$ | | < 20 $\mu\text{g/m}^3$ |
| Fire classification | EN 13501-1:2018 | | | Bfl-s1 |
| Thermal resistance | EN 12667:2001-01 | Without underlay On a HEAT underlay On a COMFORT underlay On a TRANSIT underlay | | 0,013 $\text{m}^2 \text{K/W}$ 0,023 $\text{m}^2 \text{K/W}$ 0,033 $\text{m}^2 \text{K/W}$ 0,058 $\text{m}^2 \text{K/W}$ |
| Slip resistance | EN 13893:2002-11 EN 16165:2021-10 Annex B BS EN 16165:2021 Annex C (UKSRG) | Wet Dry | $\mu \geq 0,30$ PTV ₉₆ PTV ₉₆ | DS R10 Low slip potential (PTV96 ≥ 36) Low slip potential (PTV96 ≥ 36) |
| | UNE-EN 16165:2022 Annex C Anexo Nacional A (ES) | Wet Dry | PTV ₅₇ PTV ₉₆ | PTV ₅₇ ≥ 22 PTV ₉₆ ≥ 58 |
| Content | | Heavy metals + lead/cadmium | | NOT present |
| Dangerous substances | | Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list) | | NOT present |
| REACH | | Regulation (EC) | | Compliant |
| Plasticizer | | Ortho-phthalate free plasticizer | | OK |
| Recycled content | | Only INTERNAL recycled material used | | $\geq 20\%$ |

