QUICK·STEP® VINYL FLEX 24S

# TECHNICAL DATA SHEET

Edition 05/2025

## DIMENSIONS

| FORMAT | | PRISTINE [SGHBC(-)]<br>Herringbone | FUSE [SGMPC(-)]<br>Medium Plank |
|---|---|---|---|
| **Width** | ISO 24342:2018-11 | 129 mm | 228,6 mm |
| **Length** | ISO 24342:2018-11 | 740 mm | 1500 mm |
| **Number of panels per pack** | | 48 | 12 |
| **m² per pack** | | 4,582 m² | 4,115 m² |
| **Weight per pack** | | 21,1 kg | 19,0 kg |
| **Bevels** | | Pressed bevel | Pressed bevel |

| FORMAT | | LIV [SGSPC(-)]<br>Small Plank | BLUSH [SGTC(-)]<br>Square Tile |
|---|---|---|---|
| **Width** | ISO 24342:2018-11 | 184,15 mm | 609,6 mm |
| **Length** | ISO 24342:2018-11 | 1219,20 mm | 609,6 mm |
| **Number of panels per pack** | | 20 | 12 |
| **m² per pack** | | 4,490 m² | 4,459 m² |
| **Weight per pack** | | 20,7 kg | 20,8 kg |
| **Bevels** | | Modern bevel | Modern bevel |

| | | |
|---|---|---|
| **Total mass per unit area** | EN ISO 23997:2012-02 | 4500 g/m² |
| **Total thickness** | ISO 24346:2006-10 | 2,5 mm |
| **Top layer** | EN ISO 24340:2012-02 | 0,55 mm |
| **Finishing** | | Scratch Guard technology® |

## FACTORY WARRANTY

| | METHOD | PARAMETERS | | VALUES |
|---|---|---|---|---|
| **Usage class** | EN ISO 10874 / EN ISO 10582:2018-01 | | Class | 23 - 33 |
| **Product norm** | EN ISO 10582:2018-01 (EN 16511) | | | |
| **CE - floor** | EN 14041:2004 / AC:2006 | Notified body | NB 2401 - CRET | DOP: see end label on pack |
| **UKCA - floor** | EN 14041:2004 / AC:2006 | Approved body | AB 0321 - Satra UK | |
| **CE - wall** | EN 15102:2007 / A1:2011 | Notified body | NB 0493 - Centexbel | DOP: see end label on pack |
| **UKCA - wall** | EN 15102:2007 / A1:2011 | Approved body | AB 8515 - Centexbel International Ltd. | |
| **Warranty** | Floor | Residential use | See warranty conditions | Lifetime |
| | | Commercial use | See warranty conditions | 10 years - on request up to 15 years |
| | Wall | Residential use | See warranty conditions | 10 év |
| | | Commercial use | See warranty conditions | 0 years - on request up to 5 years |

## GENERAL DATA

| | METHOD | PARAMETERS | NORM REQUIREMENTS | VALUES |
|---|---|---|---|---|
| **Squareness & straightness** | EN ISO 24342:2018-11 | | ≤400mm: ≤0,25 mm<br>>400mm: ≤0,35mm | ≤400mm: ≤0,25 mm<br>>400mm: ≤0,35mm |
| **Wearlayer** | EN ISO 10582:2018-01 | | | Type 1 |
| **Impact resistance** | EN 13329:2006+A1:2008-08, Annex F | | | ≥ 1600 mm |
| **Scratch resistance** | EN 16094:2021-06 | | ≤ MSR-A2<br>≤ MSR-B2 | ≤ MSR-A1<br>≤ MSR-B2 |
| **Castor chairs** | ISO 4918:2016-03 | 25000 cycles | | No delamination, no disturbance |
| **Displacement of furniture feet** | EN ISO 16581:2019-06 | Foot 0,1 mm / 32 kg | | No visible damage |
| **Residual indentation** | EN ISO 24343-1:2012-01 | | ≤ 0,1 mm | ≤ 0,05 mm |
| **Dimensional stability** | EN ISO 23999:2021-11 | 6 hrs at 80°C | ≤ \|0,25\|% | ≤ \|0,25\|% |
| **Curling** | EN ISO 23999:2021-11 | | ≤ \|2\| mm | ≤ \|2\| mm |
| **Light fastness** | ISO 105-B02:2014-09 | Blue reference | Class ≥ 6 | ≥ 6 |
| **Acoustic insulation** | DIN EN ISO 717-2:2021-05 | Impact sound reduction | Glued down<br>On a Flex Pro underlay | $\Delta L_w$ = 3 dB<br>$\Delta L_w$ = 11 dB |
| **Floor heating** | | Appropriate for all standard heating systems IN cement subfloors. Limited application with heating films and alternatives. Max contact temp ≤ 27°C. See separate installation instructions. | | |

## ENVIRONMENT, SAFETY & HEALTH

| | METHOD | PARAMETERS | NORM REQUIREMENTS | VALUES |
|---|---|---|---|---|
| **AFFSET** | | | | A+ |
| **Floorscore** | | | | SCS-FS-09789 |
| **Finnish Building Emission** | | | | M1: Very low emission, odorless |
| **Formaldehyde emission** | EN 717-1:2004-10 | No added formaldehyde in production | E1 (≤ 0,124 mg/m³) | < Detection limit |
| **TVOC 28 days** | ISO 16000 part 9-6 | AgBB requirement after 28 days <1000 µg/m³ | | < 100 µg/m³ |
| **Fire classification - floor** | EN 13501-1:2018 | | | Bfl-s1 |
| **Fire classification - wall** | EN 13501-1:2018 | | | D-s3,d0 |
| **Thermal resistance** | EN 12667:2001-01 | Glued down | | 0,01 m² K/W |
| | | On a Flex Pro underlay | | 0,02 m² K/W |
| **Slip resistance** | EN 13893:2002-11 | | µ ≥ 0,30 | DS |
| | EN 16165:2021-10 Annex B | | | R10 |
| | EN 16165:2021 - Annex C (UKSRG) | Dry | | Low slip potential (PTV96 ≥ 36) |
| | UNE-EN 16165:2021 - Annex C Anexo Nacional A (ES) | Wet | | $PTV_{57}$ ≥ 40 |
| | | Dry | | $PTV_{96}$ ≥ 59 |
| **Content** | Heavy metals + lead/cadmium | | | NOT present |
| **Dangerous substances** | Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list) | | | NOT present |
| **REACH** | | | | Compliant |
| **Plasticizer** | Phthalate free plasticizer | | | OK |