

Technical specifications

Flotex sheet, tile & plank meet the requirements of EN 1307



| | | Flotex colour sheet | Flotex colour tile | Flotex colour plank | Flotex colour embossed tile | Flotex borders |
|--|--------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| | Total thickness | ISO 1765 | 4.3 mm | 5.0 mm | 5.0 mm | 4.3 mm |
| | Total weight | ISO 8543 | 1,800 g/m ² | 4,800 g/m ² | 4,800 g/m ² | 1,800 g/m ² |
| | Pile composition | | 100% polyamide 6.6 | 100% polyamide 6.6 | 100% polyamide 6.6 | 100% polyamide 6.6 |
| | Commercial use | EN-ISO 10874 | Class 33 | Class 33 | Class 33 | Class 33 |
| | Sheet roll width | | 2.0 m | - | - | 11cm or 22 cm |
| | Sheet roll length | | ± 30 m | - | - | 15 m |
| | Tile / Plank size | | - | 50 x 50 cm | 100 x 25 cm | 50 x 50 cm |
| | Packaging per carton tiles/planks | | - | 12 (3m ²) | 10 (2.5m ²) | 12 (3m ²) |
| | Dimension stability | ISO 2551 / EN 986 | ≤ 0.2% | ≤ 0.1% | ≤ 0.1% | ≤ 0.2% |
| | Abrasion resistance | EN 1307 annex F | > 1000 cycles | > 1000 cycles | > 1000 cycles | > 1000 cycles |
| | Castor chair continuous use | ISO 4918 | r ≥ 2.4 | r ≥ 2.4 | r ≥ 2.4 | r ≥ 2.4 |
| | Colour fastness to light | EN-ISO 105-B02 | ≥ 6 | ≥ 6 | ≥ 6 | ≥ 6 |
| | Slip resistance | BS 7976-2 (UK SRG pendulum) | Dry - low slip risk Wet - low slip risk | Dry - low slip risk Wet - low slip risk | Dry - low slip risk Wet - low slip risk | Dry - low slip risk Wet - low slip risk |
| | Acoustic impact noise reduction | EN-ISO 717-2 | ΔL _w ≥ 21 dB | ΔL _w ≥ 19 dB | ΔL _w ≥ 19 dB | ΔL _w ≥ 21 dB |
| | Acoustic sound absorption | ISO 354 | α _w = 0.10 (H) | α _w = 0.10 (H) | α _w = 0.10 (H) | α _w = 0.10 (H) |
| | Water impermeability | EN 1307 annex G | Pass | Pass | Pass | Pass |
| | Creating Better Environments | | | | | |
| | Renewable electricity | | Flotex is manufactured using 100% electricity made from renewable sources. | | | |
| | Recycled content | | Flotex sheet contains up to 20% recycled content by weight. Flotex tile / plank contains up to 59% recycled content by weight. | | | |
| | Indoor air quality | | Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions. | | | |
| | Indoor Emissions: TVOC after 28 days | EN 16516 | ≤ 0.1 mg/m ³ | ≤ 0.1 mg/m ³ | ≤ 0.1 mg/m ³ | ≤ 0.1 mg/m ³ |
| | SKA | | Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes. | | | |
| | LCA | | Life Cycle Assessment is the foundation for securing the lowest environmental impact. | | | |
| | | | EN 14041:2004 | EN 14041:2004 | EN 14041:2004 | EN 14041:2004 |
| | | | CE | CE | CE | CE |
| | Flotex meets the requirements of EN 14041:2004 | | 1200101- DOP -012 | 1200201- DOP -101 | 1200201- DOP -101 | 1200101- DOP -012 |
| | | | BS EN 14041:2004 | BS EN 14041:2004 | BS EN 14041:2004 | BS EN 14041:2004 |
| | | | UK CA | UK CA | UK CA | UK CA |
| | Great Britain Only Flotex meets the requirements of BS EN 14041:2004 | | 1200101- DoP -GB108 | 1200201- DoP -GB108 | 1200201- DoP -GB108 | 1200101- DoP -GB108 |
| | Reaction to fire | EN 13501-1 | B _f -s1, L, NCS | B _f -s1, L, CS | B _f -s1, L, CS | B _f -s1, L, NCS |
| | Slip resistance | EN 13893 | μ ≥ 0.30 | μ ≥ 0.30 | μ ≥ 0.30 | μ ≥ 0.30 |
| | Body voltage | ISO 6356 | ≤ 2.0 kV | ≤ 2.0 kV | ≤ 2.0 kV | ≤ 2.0 kV |
| | Thermal conductivity | EN 12524 | 0.06 W/mK | 0.06 W/mK | 0.06 W/mK | 0.06 W/mK |
| | Content of specific dangerous substances | EN 14041 | Compliant | Compliant | Compliant | Compliant |

Our recommended adhesive for Flotex Sheet is 640 Eurostar Special. Our recommended tackifier for Flotex Modular is 542 eurofix tack plus. Please contact customer services for more information. All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001. All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.



01-2024