# Technical specifications

| | | Marmoleum Striato | Marmoleum Striato Decibel |
|---|---|---|---|
| Meets the requirements of | | EN ISO 24011 | EN 686 |
| Total thickness | EN ISO 24346 | 2.5 mm | 3.5 mm |
| Surface finish | | Topshield pro | Topshield pro |
| Collection size | | 16 | On request |
| Domestic use | EN ISO 10874 | Class 23 | Class 23 |
| Commercial use | EN ISO 10874 | Class 34 | Class 33 |
| Light industrial use | EN ISO 10874 | Class 43 | Class 41 |
| Roll width | EN ISO 24341 | 2.0 m | 1.95 m / 2.0 m |
| Roll length | EN ISO 24341 | ≤ 33 m[1] | ≤ 33 m[1] |
| Total weight | EN ISO 23997 | 2900 g/m² | 3100 g/m² |
| Slip resistance (ramp test) | EN 16165 Annex B | R9 | R9 |
| Castor chair continuous use | ISO 4918 | Pass | Pass |
| Residual indentation<br>*Typical value* | EN ISO 24343-1 | ≤ 0.15 mm<br>*~ 0.08 mm* | ≤ 0.30mm<br>*~ 0.20mm* |
| Colour fastness to light | EN ISO 105-B02 method 3 | ≥ 6 | ≥ 6 |
| Indoor air emissions: TVOC after 28 days | EN 16516 | ≤ 0,01 mg/m³ | ≤ 0,05 mg/m³ |
| Bacteriostatic properties* | | Marmoleum has natural bacteriostatic properties which are confirmed by independent laboratories, even against the bacteria MRSA. | |
| Resistance to chemicals | EN ISO 26987 | Resistant to diluted acids, oils, fats and to the conventional solvents. Not resistant to prolonged exposure to alkalis. | |
| Cigarette resistance | EN 1399 | There is no melting of the surface by cigarettes. Marks left on Marmoleum as a result of stubbed-out cigarettes can be removed. | |
| Flexibility | EN-ISO 24344 | ø 40 mm | ø 40 mm |
| Acoustical impact noise reduction | EN ISO 717-2 | ≥ 5 dB | ≥ 18 dB |
| **Creating better environments** | | Life Cycle Assessment is the foundation for securing the lowest environmental impact. Marmoleum is climate positive cradle to gate** | |
| Natural materials | | Marmoleum is a biobased floor made with up to 98 % natural ingredients (e.g. linseed oil, rosin, wood flour and jute). Marmoleum contains PEFC certified wood flour. | |
| | | Marmoleum is free of PVC, PET, synthetic rubber and plasticizers. | |
| | | Marmoleum sheet installation off-cuts and post-consumer used flooring are recyclable. | |
| Health and safety | | Marmoleum is REACH compliant to assure human safety and health. | |
| Renewable electricity | | Marmoleum is manufactured using 100% electricity from renewable sources. | |
| Green building certifications | | Application of Marmoleum sheet can help maximise contribution in green building certifications e.g. LEED, BREEAM, DGNB and WELL. | |
| Application for underfloor heating | | yes | |

| | | | |
|---|---|---|---|
| Meets the requirements of | | EN 14041:2004 | EN 14041:2004 |
| DoP | | 0100201-DoP-107 | 0100207-DoP-107 |
| Reaction to fire | EN 13501-1 | Cfl-s1,G,CS | Cfl-s1,G,NCS |
| Slip resistance | EN 13893 | μ ≥ 0.30 | μ ≥ 0.30 |
| Thermal conductivity | EN 12524 | 0.17 W/mK | 0.17 W/mK |
| Body voltage | EN 1815 | ≤ 2.0 kV | ≤ 2.0 kV |

* Marmoleum sheet can be installed nett fit, or with a welding rod in the seam. Both are proven hygienic solutions.
** For details, please consult the EPD for Marmoleum 4790859342.101.1

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.

LRQA CERTIFIED ISO 9001

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