# Technical specifications

Allura Dryback meets the requirements of EN ISO 10582.

| | | | Allura 0.70 | Allura 0.55 | Allura 0.40 |
|---|---|---|---|---|---|
| | Total thickness | EN-ISO 24346 | 2.5 mm | 2.2 mm | 2.0 mm |
| | Wear layer thickness | EN-ISO 24340 | 0.70 mm | 0.55 mm | 0.40 mm |
| | Collection size | | 87 | 87 | 52 |
| | Domestic use | EN-ISO 10874 | Class 23 | Class 23 | Class 23 |
| | Commercial use | EN-ISO 10874 | Class 34 | Class 33 | Class 32 |
| | Light industrial use | EN-ISO 10874 | Class 43 | Class 42 | Class 41 |
| | Squareness and straightness | EN-ISO 24342 | < 400 mm < 0.25 mm / > 400 mm < 0.35 mm | < 400 mm < 0.25 mm / > 400 mm < 0.35 mm | < 400 mm < 0.25 mm / > 400 mm < 0.35 mm |
| | Total weight | ISO 23997 | 3600 g/m² | 3150 g/m² | 2850 g/m² |
| | Wearlayer binder content | EN-ISO 10582 | Type 1 | Type 1 | Type 1 |
| | Castor chair continuous use | ISO 4918 | Pass | Pass | Pass |
| | Slip resistance (ramp test) | DIN 51130 | R10 | R10 | R10 |
| | Acoustical impact noise reduction | EN-ISO 717-2 | 6 dB | 6 dB | 5 dB |
| | Residual indentation *Typical value* | EN-ISO 24343-1 | ≤ 0.10 mm *~ 0.04 mm* | ≤ 0.10 mm *~ 0.04 mm* | ≤ 0.10 mm *~ 0.04 mm* |
| | Colour fastness to light | EN ISO 105-B02 method 3 | ≥ 6 | ≥ 6 | ≥ 6 |
| | Resistance to chemicals | EN-ISO 26987 | Very good | Very good | Very good |
| | Dimension stability | EN-ISO 23999 | ≤ 0.05% | ≤ 0.05% | ≤ 0.05% |
| | Indoor Air Emissions: TVOC after 28 days | EN 16516 | ≤ 0.01 mg/m³ | ≤ 0.01 mg/m³ | ≤ 0.01 mg/m³ |
| LCA | Life Cycle Assessment | | LCA is the foundation for securing the lowest environmental impact. | | |
| | **Creating better environments** | | | | |
| | Renewable electricity | | Allura is manufactured using 100% electricity from renewable sources. | | |
| | Recycled content (mass) | | 13% | 13% | 13% |
| | Allura meets the requirements of EN 14041:2004 | | EN 14041:2004 CE 0200130-DoP-105 | EN 14041:2004 CE 0200130-DoP-105 | EN 14041:2004 CE 0200130-DoP-105 |
| | Reaction to fire | EN 13501-1 | $B_{fl}$-s1,G,CS | $B_{fl}$-s1,G,CS | $B_{fl}$-s1,G,CS |
| | Slip resistance | EN 13893 | μ ≥ 0.30 | μ ≥ 0.30 | μ ≥ 0.30 |
| | Thermal conductivity | EN 12524 | 0.25 W/mK | 0.25 W/mK | 0.25 W/mK |
| | Body voltage | EN 1815 | ≤ 2.0 kV | ≤ 2.0 kV | ≤ 2.0 kV |

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.

CERTIFIED ISO 9001

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