





















Technical specifications

Allura 0.7 and Allura Puzzle meet the requirements of EN ISO 10582 / Allura Flex meet the requirements of EN 651

| | | Allura 0.7 | Allura Flex 1.0 | Allura Flex 0.55 | Allura Puzzle | |
|---|---|--|--|--|---|---|
|  | Total Thickness | EN - ISO 24346 | 2.5 mm | 5 mm | 4 mm | 5 mm |
|  | Wear-layer thickness | EN - ISO 24340 | 0.7 mm | 1 mm | 0.55 mm | 0.70 mm |
|  | Domestic use | EN- ISO 10874 | 23 | 23 | 23 | 23 |
|  | Commercial/light industrial use | EN - ISO 10874 | 34/43 | 34/42 | 33/42 | 34/43 |
|  | Tile size | EN-ISO 24342 | 50 x 50 cm 100 x 100 cm | 50 x 50 cm 100 cm x 100 cm | 50 x 50 cm 100 x 100 cm | 96 cm x 96 cm |
| | Plank size | EN-ISO 24342 | 50 x 15cm / HP 90 x 15 cm / 100 x 15 cm / 120 x 20 cm / 150 x 28 cm / 180 x 32 cm | 100 x 20 cm / 120 x 20 cm / HP 120 x 20 cm / 150 x 28 cm | 100 x 20 cm / 120 x 20 cm / HP 120 x 20 cm / 150 x 28 cm | - |
| | Packaging per carton tiles | | 3.0 m ² (12 pcs) / 1.0 m ² (1pcs) | 2.5 m ² (10 pcs) / 1.0m ² (1pce) | 3.25 m ² (13 pcs) / 1.0m ² (1pce) | 0.92 m ² (1pce) |
| | Packaging per carton planks | | 3.0 m ² (40 pcs) / 4.5 m ² (40 pcs) / 3.0 m ² (20 pcs) / 2.88 m ² (12 pcs) / 5.04 m ² (12 pcs) / 4.6 m ² (8 pcs) | 2.0 m ² (10 pcs) / 2.4 m ² (10 pcs) 2.4 m ² (12 pcs) / 2.94 m ² (7 pcs) | 2.6 m ² (13 pcs) / 3.12 m ² (13 pcs) 3.0 m ² (15 pcs) / 3.78 m ² (9 pcs) | - |
| | 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 | < 400 mm < 0.25 mm > 400 mm < 0.35 mm |
|  | Total weight | EN - ISO 23997 | ca 3600 g/m ² | ca 6550 g/m ² | ca 5200 g/m ² | ca. 7900 gr/m ² |
| | Wear-layer binder content | EN-ISO 10582 | Type 1 | Type 1 | Type 1 | Type 1 |
|  | Slip resistance | AS 4586:2013 | R10* | R10* | R10* | R10* |
|  | Acoustical impact noise reduction | EN ISO 717-2 | 6 dB | 14 dB L'NT,W 44* | 14 dB | 7 dB |
|  | Castor chair continuous use | ISO 9418 | superior | superior | very good | superior |
|  | Residual indentation Typical value | ISO 24343-1 | ≤ 0.10 mm ~ 0.04 mm | ≤ 0.20 mm ~ 0.11 mm | ≤ 0.20 mm ~ 0.11 mm | ≤ 0.10 mm ~ 0.05 mm |
|  | Light fastness | ISO 105-B02 | ≥ 6 | ≥ 6 | ≥ 6 | ≥ 6 |
|  | Resistance to chemicals | EN-ISO 26987 | very good | very good | very good | very good |
|  | Dimension stability (after exp. to heat) | EN-ISO 23999 | ≤ 0.05% | ≤ 0.05% | ≤ 0.05% | ≤ 0.05% |
|  | Life Cycle Assessment | LCA is the foundation for securing the lowest environmental impact. | | | | |
|  | Renewable electricity | Allura is manufactured using 100% electricity from renewable sources | | | | |
|  | Recycled content | Allura contains up to 60% recycled content in the backing. | | | | |
| Allura meets the requirement of EN 14014 | | | | | |  EN 14041 |
|  | Reaction to fire | ISO 9239-1 | CRF: 8.3 kW/m ² Smk Dvlp 252%.min | CRF: 6.7 kW/m ² Smk Dvlp 426%.min | CRF: >4.5 kW/m ² Smk Dvlp: <750%.min | CRF: >4.5 kW/m ² Smk Dvlp: <750%.min |
|  | Body Voltage | EN 1815 | < 2 kV | < 2 kV | < 2 kV | < 2 kV |
|  | Thermal Conductivity | EN 12524 | 0.25 W/mK | 0.25 W/mK | 0.25 W/mK | 0.25 W/mK |

*Tested on 200mm concrete slab and 100mm suspended ceiling, test report is available upon request.

Forbo recommends using 540 Eurosafe Special or 640 Eurostar Special on Allura 0.7 and Flex products. For the latest installation instructions please visit www.forbo-flooring.com.au/installation







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. Allura is manufactured in a facility certified to SA8000 and OHSAS 18001



Downloads

-  ALLURA FLEX FIRE REPORT
  ALLURA 0.70 FLOOR FIRE REPORT
-  ALLURA FLEX TILE SLIP REPORT
  ALLURA 0.70 WALL FIRE REPORT
-  ALLURA FLEX PLANK SLIP REPORT
  ALLURA 0.70 SLIP REPORT
-  ALLURA FLOOR CARE
  ALLURA 0.70 GREENTAG CERTIFICATE
-  ALLURA FLEX GREENTAG CERTIFICATE

For more information contact your Forbo representative or call 1800 224 471.



FLOORING SYSTEMS

creating better environments