


















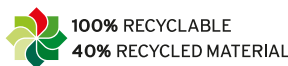


EXPONA[®] DESIGN

Expona Design is a collection of Luxury Vinyl Tiles, replicating the beauty of natural timber, slate and marble, with additional creative and innovative effects for use in heavy commercial areas.

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|---|---|--|---|
|  | Gauge | ISO 24346 (EN 428) | 3.0mm (0.12") |
|  | Wear Layer | ISO 24340 (EN 429) | 0.7mm (0.028") |
|  | Plank Size | ISO 24342 (EN 427) | 24 @ 152.4 x 914.4mm = 3.34m ² (6" x 36" = 35.95ft ²) 14 @ 203.2 x 1219.2mm = 3.46m ² (8" x 48" = 37.24ft ²) 12 @ 184.2 x 1524mm = 3.37m ² (7.25" x 60" = 36.27ft ²) 11 @ 203.2 x 1524mm = 3.41m ² (8" x 60" = 36.70ft ²) |
|  | Tile Size | ISO 24342 (EN 427) | 9 @ 609.6 x 609.6mm = 3.34m ² (24" x 24" = 35.95ft ²) 18 @ 304.8 x 609.6mm = 3.34m ² (12" x 24" = 35.95ft ²) 12 @ 304.8 x 914.4mm = 3.34m ² (12" x 36" = 35.95ft ²) 8 @ 457.2 x 914.4mm = 3.34m ² (18" x 36" = 35.95ft ²) 6 @ 914.4 x 914.4mm = 5.01m ² (36" x 36" = 53.93ft ²) 6 @ 609.6 x 1219.2mm = 4.46m ² (24" x 48" = 48.01ft ²) |
|  | Total Weight | ISO 23997 (EN 430) | 5100g/m ² (9.40lb/sq.yd) |
|  | General Performance | ISO 10582 (EN 649) ASTM F1700 | Conforms Class III Type A+B |
|  | Use Area | ISO 10874 (EN 685) |  |
| | Acoustic Impact Sound Reduction | ASTM E90/492 | 55 STC |
| | Impact Insulation Class (IIC) | ASTM E90/492 | IIC 36 |
| | Resistance to Chemicals | ASTM F925 | Good |
|  | Reaction to Fire | ASTM E648 EN 13501-1 ASTM E662 CAN/ULC S-102.2 | Class 1 Class Bfl-S1 <450 Pass FSV < 300; SDV < 500 |
|  | Abrasion Resistance | EN 649 ISO 10582 | Group T Type I |
| | Flexibility | ASTM F137 | 1" - PASS |
|  | Slip Resistance | EN 13893 DIN 51130 AS 4586 ASTM D2047 | Class DS (dry condition) R10 R10 >0.5 |
| | | | For safety flooring with sustainable wet slip resistance, refer to Expona Control or the Polysafe ranges. |
|  | Residual Indentation | ISO 24343-1 (EN 433) ASTM F970 ASTM F1914 | ≤0.05mm (≤0.002") ≤0.005" @ 750psi ≤0.005" |
|  | Dimensional Stability | ISO 23999 (EN 434) ASTM F2199 | ≤0.1% max Pass |
|  | Thermal Conductivity | EN 12524 | 0.25W/(m.K) |
| | Underfloor Heating | | Suitable, max 27°C |
| | Resistance to Light | ASTM F1515 | ΔE ≤ 8.0 - MEETS |
|  | Light Fastness | ISO 105-B02 | (Method 3) ≥6 |
| | Resistance to Heat | ASTM F1514 | ΔE ≤ 8.0 - MEETS |
|  | Castor Chair (continuous use) | ISO 4918 (EN 425) | Suitable |
|  | Static Electrical Propensity | EN 1815 | ≤2.0kV Classified as 'antistatic' |
|  | VOC Emissions | Indoor Air Comfort GOLD AgBB/ABG VOC test FloorScore Finnish M1 | Eurofins certified product Very low emissions Certified Certified |
| | Responsible Sourcing | BES 6001 SA 8000 | Very Good Approved factory |
| | Environmentally Preferable Flooring - Expona Design PUR achieves a BRE Global Environmental A+ Rating (Certificate No: ENP 429). EN 15804 Environmental Product Declaration (EPD) is available on request. Expona Design PUR is 100% recyclable and contains average 40% recycled material. Recyclable via the Recofloor scheme. Visit www.polyflor.ca/sustainability . | | |
| | PUR - Expona Design PUR features a high quality, cross-linked polyurethane reinforcement, UV cured to provide a low cost, polish-free maintenance regime for the lifetime of the flooring. | | |
|  | For information regarding handling and installation, adhesives, maintenance, applications, chemical resistance and product warranty, consult Polyflor Customer Technical Services email tech@polyflor.ca . The data presented is correct at the time of printing. For latest information, please visit our website polyflor.ca . Decoration and shade may vary slightly from the samples shown. | | |



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