

# Expona Commercial PUR

## PRODUCT SPECIFICATION

### Key Features

- > Wood, stone & abstract designs
- > Multiple plank & tile sizes
- > Creative inlay accessories available
- > Low VOC emissions
- > Heavy traffic areas & residential



| Product Format | Standard           | Result               |
|----------------|--------------------|----------------------|
| Gauge          | ISO 24346 (EN 428) | 2.5mm                |
| Wear Layer     | ISO 24340 (EN 429) | 0.55mm               |
| Total Weight   | ISO 23997 (EN 430) | 4290g/m <sup>2</sup> |
| Finish         |                    | PUR                  |

| Plank & Tile Sizes | Size               | Shades | Quantity per Box | Coverage per Box/Roll |
|--------------------|--------------------|--------|------------------|-----------------------|
| Plank              | 101.6mm x 914.4mm  | 2      | 36               | 3.34m <sup>2</sup>    |
|                    | 152.4mm x 609.6mm  | 5      | 36               | 3.34m <sup>2</sup>    |
|                    | 152.4mm x 914.4mm  | 6      | 24               | 3.34m <sup>2</sup>    |
|                    | 152.4mm x 1219.2mm | 8      | 18               | 3.34m <sup>2</sup>    |
|                    | 184.2mm x 1219.2mm | 6      | 15               | 3.37m <sup>2</sup>    |
|                    | 184.2mm x 1524mm   | 7      | 12               | 3.37m <sup>2</sup>    |
|                    | 203.2mm x 1219.2mm | 7      | 14               | 3.46m <sup>2</sup>    |
|                    | 203.2mm x 1524mm   | 10     | 11               | 3.41m <sup>2</sup>    |
| Tile               | 304.8mm x 914.4mm  | 4      | 12               | 3.34m <sup>2</sup>    |
|                    | 457.2mm x 914.4mm  | 4      | 8                | 3.34m <sup>2</sup>    |
|                    | 609.6mm x 609.6mm  | 13     | 9                | 3.34m <sup>2</sup>    |
|                    | 609.6mm x 1219.2mm | 8      | 8                | 5.95m <sup>2</sup>    |

| Performance Requirements | Standard                                                             | Result                         |
|--------------------------|----------------------------------------------------------------------|--------------------------------|
| General Performance      | ISO 10582 (EN 649)<br>ASTM F1700                                     | Conforms<br>Class III Type A+B |
| Use Area                 | ISO 10874 (EN 685)                                                   | 23, 33, 42                     |
| Slip Resistance          | EN 13893<br>DIN 51130 / DIN EN 16165 Ann. B<br>ASTM D2047<br>AS 4586 | Class DS<br>R10<br>≥0.5<br>R10 |
| Binder Content           | ISO 10582                                                            | Type I                         |
| Abrasion Resistance      | EN 649                                                               | Group T                        |

|                                      |                                                        |                                                              |
|--------------------------------------|--------------------------------------------------------|--------------------------------------------------------------|
| <b>Reaction to Fire</b>              | EN 13501-1<br>ASTM E662<br>ASTM E648<br>CAN/ULC S102.2 | Class Bfl-S1<br><450 Pass<br>Class 1<br>FSV < 300; SDV < 500 |
| <b>Static Electrical Propensity</b>  | EN 1815                                                | ≤2.0kV Classified as<br>'antistatic'                         |
| <b>Residual Indentation</b>          | ISO 24343-1<br>ASTM F970<br>ASTM F1914                 | ≤0.05mm*<br>≤0.005" @ 750psi<br>≤0.005"                      |
| <b>Castor Chair (continuous use)</b> | ISO 4918 (EN 425)                                      | Suitable                                                     |
| <b>Dimensional Stability</b>         | ISO 23999 (EN 434)<br>ASTM F2199                       | ≤0.10%<br>Pass                                               |
| <b>Flexibility</b>                   | ASTM F137                                              | 1" - Pass                                                    |
| <b>Underfloor Heating</b>            |                                                        | Suitable, max 27°C                                           |
| <b>Light Fastness</b>                | ISO 105-B02 (Method 3)                                 | ≥6                                                           |
| <b>Resistance to Light</b>           | ASTM F1515                                             | ΔE ≤ 8.0 - Meets                                             |
| <b>Resistance to Heat</b>            | ASTM F1514                                             | ΔE ≤ 8.0 - Meets                                             |

\*Average test value from current production.

## Sustainability

|                                  | Standard            | Result                        |
|----------------------------------|---------------------|-------------------------------|
| <b>BRE Green Guide</b>           |                     | A+ ENP 429                    |
| <b>GreenTag</b>                  | LCA Rate Gold Plus  | GreenRate level A             |
| <b>Specific EN 15804 EPD</b>     |                     | Available                     |
| <b>Recyclable</b>                |                     | 100%                          |
| <b>Recycled Content</b>          |                     | Up to 40%                     |
| <b>REACH</b>                     |                     | Compliant                     |
| <b>Indoor Air Comfort Gold</b>   |                     | Eurofins certified product    |
| <b>FloorScore</b>                |                     | Certified                     |
| <b>Finnish M1 Classification</b> |                     | Certified                     |
| <b>AgBB/ABG</b>                  |                     | Pass                          |
| <b>Responsible Sourcing</b>      | BES 6001<br>SA 8000 | Very good<br>Approved factory |

## Acoustic Performance

|                                       | Standard     | Result |
|---------------------------------------|--------------|--------|
| <b>Impact Sound Reduction</b>         | ISO 10140-3  | 2dB    |
| <b>Sound Transmission Coefficient</b> | ASTM E90/492 | STC 55 |
| <b>Impact Insulation Class</b>        | ASTM E90/492 | IIC 36 |

## Maintenance Performance

|                                | Standard                        | Result                             |
|--------------------------------|---------------------------------|------------------------------------|
| <b>Resistance to Chemicals</b> | ISO 26987 (EN 423)<br>ASTM F925 | Good resistance<br>Good resistance |

Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.



## Polyflor Canada Inc.

3209 Orlando Drive, Mississauga, Ontario, L4V 1C5, Canada • Tel: 905-364-3000 • Email: sales@polyflor.ca • [www.polyflor.ca](http://www.polyflor.ca)

© At the time of writing and publication of sheet, all the information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.