

# Expona Simplay 19dB

## PRODUCT SPECIFICATION

### Key Features

- > Wood & stone designs
- > Acoustic loose lay planks & tiles in multiple sizes
- > Can be installed over existing floor coverings
- > In-built IXPE acoustic backing
- > Up to 19dB impact sound reduction
- > Heavy commercial applications & residential
- > Low maintenance cost
- > Breeam-NOR compliant
- > Phthalate-free



| Product Format | Standard           | Result               |
|----------------|--------------------|----------------------|
| Gauge          | ISO 24346 (EN 428) | 5.0mm                |
| Wear Layer     | ISO 24340 (EN 429) | 0.55mm               |
| Total Weight   | ISO 23997 (EN 430) | 6380g/m <sup>2</sup> |
| Finish         |                    | PUR                  |

| Plank & Tile Sizes | Size               | Shades | Quantity per Box | Coverage per Box/Roll |
|--------------------|--------------------|--------|------------------|-----------------------|
| Plank              | 177.8mm x 1219.2mm | 8      | 10               | 2.17m <sup>2</sup>    |
| Tile               | 600mm x 600mm      | 4      | 6                | 2.16m <sup>2</sup>    |

| Performance Requirements      | Standard  | Result  |
|-------------------------------|---|---|
| General Performance           | ISO 11638 (EN 651)  | Conforms  |
| Use Area                      | ISO 10874 (EN 685)  | 23, 33, 42  |
| Slip Resistance               | EN 13893<br>DIN 51130 / DIN EN 16165 Ann. B<br>AS 4586 Appendix D<br>ASTM D2047 | Class DS<br>R10<br>R10<br>SCOF ≥0.5                                       |
| Binder Content                | ISO 10582   | Type I  |
| Abrasion Resistance           | EN 649  | Group T   |
| Reaction to Fire              | EN 13501-1<br>ASTM E648<br>AS ISO 9239-1<br>CAN/ULC S102.2                      | Class Cfl-S1<br>Class 1<br>>4.5 kW/m <sup>2</sup><br>FSV < 300; SDV < 500 |
| Residual Indentation          | ISO 24343-1 (EN 433)<br>ASTM F970<br>ASTM F1914                                 | ≤0.20mm*<br>≤0.018" @ 750psi<br>≤0.019"                                   |
| Castor Chair (continuous use) | ISO 4918 (EN 425)   | Suitable  |
| Dimensional Stability         | ISO 23999 (EN 434)<br>ASTM F2199  | ≤0.25%<br>Pass  |
| Flexibility                   | ASTM F137   | 1" - Pass   |
| Underfloor Heating            |   | Suitable, max 27°C  |
| Light Fastness                | ISO 105-B02 (Method 3)  | ≥6  |

|                     |            |                             |
|---------------------|------------|-----------------------------|
| Resistance to Light | ASTM F1515 | $\Delta E \leq 8.0$ - Meets |
| Resistance to Heat  | ASTM F1514 | $\Delta E \leq 8.0$ - Meets |

\*Average test value from current production.

## Sustainability

| Standard                | Result                     |
|-------------------------|----------------------------|
| Breem-NOR               | Compliant                  |
| Recyclable & Reusable   | 100%                       |
| Recycled Content        | 17%                        |
| REACH                   | Compliant                  |
| Indoor Air Comfort Gold | Eurofins certified product |
| FloorScore              | Certified                  |
| AgBB/ABG                | Pass                       |

## Acoustic Performance

| Standard                       | Result                 |
|--------------------------------|------------------------|
| Impact Sound Reduction         | ISO 10140-3<br>19dB    |
| Sound Transmission Coefficient | ASTM E90/492<br>STC 55 |
| Impact Insulation Class        | ASTM E90/492<br>IIC 56 |
| IXPE Acoustic Layer            | 1.0mm                  |

## Maintenance Performance

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

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



**Polyflor Nordic** • Kjelsåsveien 168 B, 0884 OSLO • Tel: +47 23 00 84 00 • Email: firmapost@polyflor.no • www.polyflor.no

**Polyflor Nordic Sweden AB** • Energigatan 9, 434 37 KUNGSBACKA • Tel: +46 (0) 300-15820 • Email: info@polyflor.se • www.polyflor.se

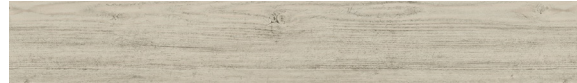
© At the time of writing and publication of sheet, all the information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

# Expona Simplay 19dB

## RANGE SHADES

**177.8mm x 1219.2mm**

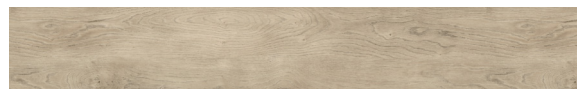
7" x 48"



White Rustic Pine **9067**



LRV 41



Grey Country Oak **9063**



LRV 40



Natural Rustic Pine **9068**



LRV 22



Blond Country Oak **9064**



LRV 36



American Oak **9062**



LRV 34



Light Cherry **9061**



LRV 26



Natural Ash **9065**



LRV 22



Grey Ash **9066**

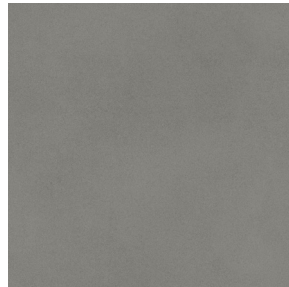


LRV 28

## Expona Simplay 19dB

**600mm x 600mm**

23.6" x 23.6"

**Cold Grey Concrete 9069**

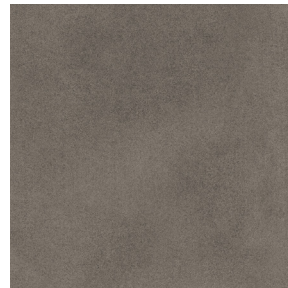
LRV 18

**Warm Grey Concrete 9071**

LRV 23

**Light Grey Concrete 9070**

LRV 34

**Dark Grey Concrete 9072**

LRV 13



LRV - Light Reflectance Value



Bevelled Edges



Colour/Pattern Variation