

## EXPONA DESIGN

EXPONA DESIGN flooring is a heterogeneous PVC floor covering which is produced using phthalate-free and bio-based plasticisers, designed for use in areas with very heavy commercial areas.

| Characteristics                            | Standards                                                                           | Unit             | EXPONA DESIGN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of floor covering                     | EN ISO 10582                                                                        |                  | heterogeneous, PVC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Surface treatment                          |                                                                                     |                  | PUR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Colours                                    |                                                                                     |                  | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Total weight                               | EN ISO 23997                                                                        | g/m <sup>2</sup> | 5100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Performance classification                 | EN ISO 10874                                                                        |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gauge                                      | EN ISO 24346                                                                        | mm               | 3,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Wear layer thickness                       | EN ISO 24340                                                                        | mm               | 0,7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Packaging tile, plank size                 | EN ISO 24342                                                                        | mm               | 12 @ 304,8 x 914,4 = 3,34 m <sup>2</sup><br>16 @ 457,2 x 457,2 = 3,34 m <sup>2</sup><br>8 @ 457,2 x 914,4 = 3,34 m <sup>2</sup><br>9 @ 609,6 x 609,6 = 3,34 m <sup>2</sup><br>6 @ 609,6 x 1219,2 = 4,46 m <sup>2</sup><br>6 @ 914,4 x 914,4 = 5,01 m <sup>2</sup><br>24 @ 152,4 x 914,4 = 3,34 m <sup>2</sup><br>18 @ 152,4 x 1219,2 = 3,34 m <sup>2</sup><br>15 @ 184,2 x 1219,2 = 3,37 m <sup>2</sup><br>12 @ 184,2 x 1524,0 = 3,37 m <sup>2</sup><br>14 @ 203,2 x 1219,2 = 3,46 m <sup>2</sup><br>11 @ 203,2 x 1524,0 = 3,41 m <sup>2</sup> |
| Dimensional stability                      | EN ISO 23999                                                                        | %                | ≤ 0,1 max.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Residual indentation                       | EN ISO 24343-1                                                                      | mm               | ≤ 0,05 ***                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Colour fastness to artificial light        | EN ISO 105-B02                                                                      | level            | ≥ 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Behaviour to fire                          | EN 13501-1                                                                          |                  | B <sub>f1</sub> - s1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Slip resistance                            | DIN 51130<br>EN 13893                                                               |                  | R10<br>DS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Impact sound reduction                     | EN ISO 10140-3                                                                      | dB               | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Thermal conductivity                       | EN 12524                                                                            | W m/K.           | 0,25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Assessment of static electrical propensity | EN 1815                                                                             | kV               | ≤ 2, antistatic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Electrical resistance to earth             | EN 1081                                                                             | ohm              | ca. 10 <sup>11</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Chemical resistance                        | EN ISO 26987                                                                        |                  | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Abrasion group                             | EN ISO 10582                                                                        |                  | binder content type I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Castor chair suitability                   | ISO 4918                                                                            |                  | yes, type W, EN 12529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Underfloor heating suitability             | EN 1264-2                                                                           |                  | suitable, max. 27 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| VOC emissions                              | Indoor Air Comfort GOLD<br>Floorscore<br>Finnish M1 Classification<br>AgBB VOC test |                  | Eurofins certified product<br>certified<br>pass<br>very low emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Environmental product declaration          | EN 15804<br>fDES EPD                                                                |                  | DGNB Navigator / <a href="http://www.dgnb-navigator.de">www.dgnb-navigator.de</a><br>SFEC / <a href="http://www.solspvcpro.com">www.solspvcpro.com</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| CE                                         | EN 14041                                                                            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



\* Resistant depending on concentration and time of exposure, in case of increased impact of oils, grease, acids, alkalis and other aggressive chemicals – please contact us.

\*\* Heavy rolling loads to be avoided

\*\*\* Averaged test value from current production

Subject to change due to further technical development.