

# EXPONA SIMPLAY Carpets – CONCEPT Mix

Loose lay carpet tiles



| Characteristics                            | Standards          | Unit               | EXPONA SIMPLAY – Loose lay carpet tiles   |
|--|--------------------|--------------------|---|
| Manufacturing method                       | ISO 2424           |                    | 1/10" tufted  |
| Durability rating                          | EN 1307            |                    | 33, extreme   |
| Comfort rating                             | EN 1307            |                    | LC2   |
| Total weight                               | ISO 8543           | g/m <sup>2</sup>   | 4300  |
| Gauge                                      | ISO 1765           | mm                 | 4,6   |
| Packaging tile size                        | EN 1307            | mm                 | 20 @ 500 x 500 = 5 m <sup>2</sup>   |
| Dimensional stability                      | EN 986             | %                  | ≤ 0,2   |
| Pile material                              |                    |                    | <b>ECONYL</b> <sup>®</sup> 100 % Solution-Dyed PA / ECONYL <sup>®</sup><br><small>REGENERATION FOR LIFE</small> |
| Pile weight                                | ISO 8543           | g/m <sup>2</sup>   | 720   |
| Pile height                                | ISO 1766           | mm                 | 2,6   |
| Stitches                                   | ISO 1763           | /m <sup>2</sup>    | 237 000   |
| Backing                                    |                    |                    | Non-woven   |
| Colour fastness to artificial light        | EN ISO 105-B02     | level              | ≥ 5   |
| Colour fastness to rubbing                 | EN ISO 105 X12     |                    | ≥ 4   |
| Colour fastness to water                   | EN ISO 105 E01     |                    | ≥ 4   |
| Behaviour to fire                          | EN 13501-1         |                    | Bfl - s1  |
| Slip resistance                            | EN 13893           |                    | DS  |
| Impact sound reduction ΔL <sub>w</sub>     | EN ISO 10140       | dB                 | ca. 24  |
| Sound absorption value                     | ISO 11654, ISO 354 |                    | α <sub>w</sub> = 0,15 Hz: 125 250 500 1000 2000 4000<br>α <sub>s</sub> : 0,00 0,00 0,05 0,20 0,30 0,35          |
| Resistance to thermal conductivity         | ISO 8302           | m <sup>2</sup> K/W | ca. 0,07  |
| Assessment of static electrical propensity | ISO 6356           | kV                 | ≤ 2, antistatique   |
| Castor chair suitability                   | EN 985             |                    | yes, type H, EN 965   |
| Underfloor heating suitability             | EN 1264-2          |                    | suitable, max. 27 °C  |
| <b>CE</b>                                  | EN 14041           |                    | <br>Bfl-s1 DS HCHO DL PCP   |

Subject to change due to further technical development.