

# OBJECT CARPET

## Typical characteristics EN 1307

|                                    |  |
|------------------------------------|--|
| Name of article:                   | <b>Smoozy 1600 - BlackThermo®filz Akustik Plus</b> |
| Method of production ISO 2424:     | tufted   |
| Width ISO 3018:                    | ca. 400 cm   |
| Surface structure ISO 2424:        | Brilliance cut                                     |
| Colourways ISO 2424:               | uni  |
| Pile material:                     | 100% Polyamid 6.6                                  |
| Primary backing ISO 2424:          | PP   |
| Secondary backing ISO 2424:        | conductive latexation, PES comfort felt            |
| Overall weight ISO 8543:           | ca. 2.300 g/m <sup>2</sup>                         |
| Overall thickness ISO 1765:        | ca. 12,0 mm  |
| Pile service weight:               | ca. 1.600 g/m <sup>2</sup>                         |
| Effective pile thickness ISO 1766: | ca. 8,0 mm   |
| Pile density ISO 8543:             | ca. 0,19 g/cm <sup>3</sup>                         |
| Stitch rate ISO 1763:              | ca. 152.000/ m <sup>2</sup>                        |

## Application

|                |      |
|----------------|------|
| Wearability:   | 32   |
| Comfort class: | LC 5 |

## Physical features as to the building

| Electrostatic loading:                       | < 2 KV  |      |      |      |      |      |      |      |                |      |      |      |      |      |      |
|--|---|------|------|------|------|------|------|------|----------------|------|------|------|------|------|------|
| Surface resistivity:                         | 10 <sup>9</sup> Ω   |      |      |      |      |      |      |      |                |      |      |      |      |      |      |
| Sound insulation ISO 140-8 ΔL <sub>w</sub> : | + 29 dB   |      |      |      |      |      |      |      |                |      |      |      |      |      |      |
| Acoustical absorption α <sub>w</sub> :       | 0,30  |      |      |      |      |      |      |      |                |      |      |      |      |      |      |
| Sound absorption ISO 354α <sub>s</sub> :     | <table><thead><tr><th>Hz</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr></thead><tbody><tr><td>α<sub>s</sub></td><td>0,00</td><td>0,09</td><td>0,26</td><td>0,51</td><td>0,45</td><td>0,66</td></tr></tbody></table> | Hz   | 125  | 250  | 500  | 1000 | 2000 | 4000 | α <sub>s</sub> | 0,00 | 0,09 | 0,26 | 0,51 | 0,45 | 0,66 |
| Hz   | 125   | 250  | 500  | 1000 | 2000 | 4000 |      |      |                |      |      |      |      |      |      |
| α <sub>s</sub>                               | 0,00  | 0,09 | 0,26 | 0,51 | 0,45 | 0,66 |      |      |                |      |      |      |      |      |      |
| Transparency to heat:                        | ca. 0,16 K*m <sup>2</sup> /W  |      |      |      |      |      |      |      |                |      |      |      |      |      |      |
| Flammability EN 13 501 – 1:                  | Bfl- s1 (alt B1)  |      |      |      |      |      |      |      |                |      |      |      |      |      |      |

## Ecological characteristics

|   |                         |
|---|-------------------------|
| DIBt-AgBB Schema                        | AbZ.: Z-156.601-1095    |
| Conformity certificate                  | CE - System 3, kein ATH |
| DOP                                     | 1045-123242             |
| EPD (Environmental Product Declaration) | EPD-GUT-2009311         |

## Fastness

|                   |       |
|-------------------|-------|
| Light fastness    | ≥ 5   |
| Water fastness    | ≥ 4   |
| Friction fastness | ≥ 3-4 |

12/2015 Subject to production technical changes

