

# PRODUCT DESCRIPTION according to EN 1307

Version: 17.02.2015



## Product name **Perlon Rips LCS Plain**

|                           |                     |                                 |
|---------------------------|---------------------|---------------------------------|
| Manufacturing process     | DIN ISO 2424        | woven                           |
| Measures                  | ISO 3018            | rolls, approx. 200 cm width     |
| Surface                   | DIN ISO 2424        | loop pile                       |
| Coloration                | DIN ISO 2424        | tonal effect                    |
| Pile material             | Dir.71/307/CEE mod. | 100% polyamide/spun             |
| Ground fabric             | DIN ISO 2424        | PES / PP                        |
| Backing                   | DIN ISO 2424        | finish                          |
| Total weight              | ISO 8543            | approx. 1460 g/m <sup>2</sup>   |
| Total height              | ISO 1765            | approx. 4.0 mm                  |
| Pile weight above backing | ISO 8543            | approx. 400 g/m <sup>2</sup>    |
| Pile weight               | DIN ISO 2424        | approx. 550 g/m <sup>2</sup>    |
| Pile height               | ISO 1766            | approx. 2.4 mm                  |
| Pile density              | ISO 8543            | approx. 0.170 g/cm <sup>3</sup> |
| Number of tufts           | ISO 1763            | approx. 116000 /m <sup>2</sup>  |

### Functional properties

|                     |         |                         |
|---------------------|---------|-------------------------|
| Wear classification | EN 1307 | commercial - heavy (33) |
|---------------------|---------|-------------------------|

### Bauphysikalische Eigenschaften

|   |                  |   |      |      |      |      |      |      |      |            |      |      |      |      |      |      |
|---|------------------|---|------|------|------|------|------|------|------|------------|------|------|------|------|------|------|
| Horizontal resistance   | ISO 10965        | $\leq 10^9$ Ohm   |      |      |      |      |      |      |      |            |      |      |      |      |      |      |
| Earthing properties<br>(Fitted conductible or as from a fitted area $\geq 6$ m <sup>2</sup> ) | DIN IEC 1340-4-1 | $\leq 10^9$ Ohm   |      |      |      |      |      |      |      |            |      |      |      |      |      |      |
| Impact sound insulation $\Delta L_{W}$  | ISO 10140        | approx. 19 dB   |      |      |      |      |      |      |      |            |      |      |      |      |      |      |
| Noise absorption  | ISO 354          | <table><tr><td>Hz</td><td>125</td><td>250</td><td>500</td><td>1000</td><td>2000</td><td>4000</td></tr><tr><td><math>\alpha_S</math></td><td>0.00</td><td>0.04</td><td>0.05</td><td>0.10</td><td>0.25</td><td>0.41</td></tr></table> $\alpha_W = 0.15$ | Hz   | 125  | 250  | 500  | 1000 | 2000 | 4000 | $\alpha_S$ | 0.00 | 0.04 | 0.05 | 0.10 | 0.25 | 0.41 |
| Hz  | 125              | 250   | 500  | 1000 | 2000 | 4000 |      |      |      |            |      |      |      |      |      |      |
| $\alpha_S$  | 0.00             | 0.04  | 0.05 | 0.10 | 0.25 | 0.41 |      |      |      |            |      |      |      |      |      |      |
| Burning classification  | DIN EN 13501-1   | Cfl-s1- glued with Thomsit T 410, Uzin UZ 57, Wulff Multicoll, Forbo 509 Eurostar   |      |      |      |      |      |      |      |            |      |      |      |      |      |      |

|                              |          |                                 |
|------------------------------|----------|---------------------------------|
| Resistance to heat reduction | ISO 8302 | approx. 0.07 m <sup>2</sup> K/W |
|------------------------------|----------|---------------------------------|

### Environmental & Sustainability

|                                |                    |   |
|--------------------------------|--------------------|---|
|                                | DIBt / AgBB Schema | AbZ: Z-156.601-557  |
|                                | GUT / PRODIS       | Reg.No.: 8BAFE91C   |
|                                | EPD                | EPD-ANK-20130135-CBD1 / ISO 14025 and EN 15804                          |
|                                | Green Label Plus   | LEED v3: 091201-02 Berkeley analytical, Richmond / LEED v4: GUT, Aachen |
| Light fastness                 | ISO 105 B02        | $\geq 5$  |
| Water fastness                 | ISO 105 E01        | $\geq 4$  |
| Resistance to abrasion dry/wet | ISO 105 X12        | $\geq 3-4$  |



Installation instruction No.: 2

Cleaning instruction No.: 02



We reserve the right to make technical changes while maintaining the service properties of the carpet.