

PRODUCT DESCRIPTION according to EN 1307

Version: 31.03.2015



Product name **Perlon Rips LCS Line**

Manufacturing process	DIN ISO 2424	woven
Measures	ISO 3018	rolls, approx. 200 cm width
Surface	DIN ISO 2424	loop pile
Coloration	DIN ISO 2424	patterned
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 ²
Total height	ISO 1765	approx. 4.0 mm
Pile weight above backing	ISO 8543	approx. 400 g/m ²
Pile weight	DIN ISO 2424	approx. 550 g/m ²
Pile height	ISO 1766	approx. 2.4 mm
Pile density	ISO 8543	approx. 0.17 g/cm ³
Number of tufts	ISO 1763	approx. 116000 /m ²

Functional properties

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

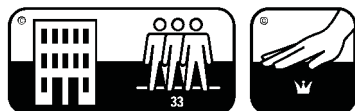
Bauphysikalische Eigenschaften

Horizontal resistance	ISO 10965	$\leq 10^9$ Ohm														
Earthing properties (Fitted conductible or as from a fitted area ≥ 6 m ²)	DIN IEC 1340-4-1	$\leq 10^9$ Ohm														
Impact sound insulation ΔL_{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>α_S</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	α_S	0.00	0.04	0.05	0.10	0.25	0.41
Hz	125	250	500	1000	2000	4000										
α_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 ² K/W
------------------------------	----------	---------------------------------

Environmental & Sustainability

	DIBt / AgBB Schema	AbZ: Z-156.601-557
	GUT / PRODIS	Reg.No.: 1FE482AC
	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	≥ 5
Water fastness	ISO 105 E01	≥ 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.