

PRODUCT DESCRIPTION according to EN 1307

Version: 31.03.2015



Product name Lucca

Manufacturing process	DIN ISO 2424	tufted
Measures	ISO 3018	rolls, approx. 400 cm width
Surface	DIN ISO 2424	loop pile
Coloration	DIN ISO 2424	patterned - solution dyed
Pile material	Dir.71/307/CEE mod.	Aquafil Econyl SD - 100% recycled polyamide
Primary backing	DIN ISO 2424	PET - 100% recycled
Backing	DIN ISO 2424	textile backing
Total weight	ISO 8543	approx. 2000 g/m ²
Total height	ISO 1765	approx. 5.7 mm
Pile weight above backing	ISO 8543	approx. 450 g/m ²
Pile weight	DIN ISO 2424	approx. 715 g/m ²
Pile height	ISO 1766	approx. 3.2 mm
Pile density	ISO 8543	approx. 0.14 g/cm ³
Number of tufts	ISO 1763	approx. 218000 /m ²

Functional properties

Wear classification EN 1307 commercial - heavy (33)

Physical properties

Horizontal resistance	ISO 10965	≤ 10 ⁹ Ohm														
Earthing properties (Fitted conductible or as from a fitted area ≥ 6 m ²)	DIN IEC 1340-4-1	≤ 10 ⁹ Ohm														
Impact sound insulation ΔL _W	ISO 10140	approx. 25 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>0.02</td><td>0.03</td><td>0.10</td><td>0.27</td><td>0.40</td><td>0.36</td></tr></table> α _w = 0.20	Hz	125	250	500	1000	2000	4000	α _s	0.02	0.03	0.10	0.27	0.40	0.36
Hz	125	250	500	1000	2000	4000										
α _s	0.02	0.03	0.10	0.27	0.40	0.36										

Burning classification DIN EN 13501-1 Cfl-s1 - glued or unglued
Bfl-s1 - glued with Uzin UZ57 or Wulff Multicoll

Resistance to heat reduction ISO 8302 approx. 0.05 m² K/W

Environmental & Sustainability

DIBt / AgBB Schema AbZ: Z-156.601-220
GUT / PRODIS Reg-Nr.: D2EAD32C
EPD EPD-ANK-2012221 / ISO 14025 and EN 15804
Green Label Plus LEED v3: 100127-01 Berkeley analytical, Richmond / LEED v4: GUT, Aachen

Light fastness	ISO 105 B02	≥ 6
Water fastness	ISO 105 E01	≥ 4
Resistance to abrasion dry/wet	ISO 105 X12	≥ 3-4



Installation instruction No.: 3

Cleaning instruction No.: 03



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