

Technical data sheet

Laminate Flooring Classic

	Classic 1050	Classic 1040	Classic 1030	Classic 1020
Product quality				
Formats / mm	1285 x 192 x 8	1285 x 192 x 7	1285 x 192 x 7	1285 x 192 x 6
Pieces / m ² per pack	8 / 1.97	9 / 2.22	9 / 2.22	10 / 2.47
Packs / m ² per pallet	40 / 78.8	40 / 88.82	40 / 88.82	40 / 98.8
Weight per pack / pallet in kg	14.3 / 612	14 / 548	14 / 548	14 / 560

Functional / Surface quality (Test standard)

Utility class EN 13329	32	32	31	31
Abrasion EN 13329	AC 4 = IP ≥ 4000	AC 4 = IP ≥ 4000	AC 3 = IP ≥ 2000	AC 3 = IP ≥ 2000
Shock loading EN 13329 (EN 438-2, 11/12)	IC 2 = ≥ 12 N / 1600 mm	IC 2 = ≥ 12 N / 1600 mm	IC 1 = ≥ 10 N / 1200 mm	IC 1 = ≥ 10 N / 1200 mm
Stain resistance EN 13329 (EN 438-2, 15)	Category 1 & 2 = level 5 Category 3 & 4 = level 4/5	Category 1 & 2 = level 5 Category 3 & 4 = level 4/5	Category 1 & 2 = level 5 Category 3 & 4 = level 4/5	Category 1 & 2 = level 5 Category 3 & 4 = level 4/5
Resistance to dropped cigarette glow EN 13329 (EN 438-2, 18)	level 4	level 4	level 4	level 4
Scraping with furniture feet EN 13329 (EN 424)	no visible changes	no visible changes	no visible changes	no visible changes
Resistance to roller castors on chairs EN 13329 (EN 425)	no visible changes	no visible changes	no visible changes	no visible changes
Scratch resistance (EN 438-2, 14)	3.5 - 4.5 N	3.5 - 4.5 N	3.5 - 4.5 N	3.5 - 4.5 N
Thickness swelling EN 13329	10%	11%	13%	15%
Improvement of edge swelling versus EN 13329 (Company standard)	60%	60%	40%	enhanced swelling protection
Light fastness EN 13329 (EN ISO 105-B02)	Stage ≥ 6	Stage ≥ 6	Stage ≥ 6	Stage ≥ 6
Light fastness EN 13329 (EN 20105-A02)	Stage ≥ 4	Stage ≥ 4	Stage ≥ 4	Stage ≥ 4
Sliding friction EN 14041 (EN 13893)	μ ≥ 0.3 / DS	μ ≥ 0.3 / DS	μ ≥ 0.3 / DS	μ ≥ 0.3 / DS
Slip resistance on an inclined plane (DIN 51130)	R 9	R 9	R 9	R 9

Environment

Formaldehyde (E1 = 0.1ppm)	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm
Environmental label RAL-UZ38 "Blauer Engel"	fulfilled	fulfilled	fulfilled	fulfilled
LGA "tested for contaminants"	fulfilled	fulfilled	fulfilled	fulfilled
Disposal:	material and re-usable	material and re-usable	material and re-usable	material and re-usable
AltholzV, KrW-/AbfG, Test conditions for secondary fuels	energy source	energy source	energy source	energy source
Neutralisation of harmful substances and odours tested by ECO-Institute for the environment cologne and LGA Bavaria	ProAir System	ProAir System	ProAir System	ProAir System

Physical quality

Thermal transmittance value DIN EN 12664:2001	w/o underlay	0.0479 m ² *K/W	0.0428 m ² *K/W	0.0428 m ² *K/W	0.0380 m ² *K/W
Thermal conductivity DIN EN 12664:2001	w/o underlay	0.156 W/(m*K)	0.164 W/(m*K)	0.164 W/(m*K)	0.163 W/(m*K)
Inflammability EN 13501-1		C _n - s1	C _n - s1	C _n - s1	C _n - s1
Transmission noise reduction (ISO 140-8) ΔL _w		18 db with Duo Protect	18 db with Duo Protect	18 db with Duo Protect	17 db with Duo Protect
electrostatic behavior (EN 1815)		≤ 2 kV			

Tolerances

Requirements

Gross density of the substrate (≥ 825 Kg/m ³)		≥ 900 Kg/m ³	≥ 870 Kg/m ³	≥ 870 Kg/m ³	≥ 870 Kg/m ³
Squareness of elements EN 13329	≤ 0.20 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm	≤ 0.10 mm
Determining the straightness of the edges EN 13329	≤ 0.3 mm/m	≤ 0.1 mm/m	≤ 0.1 mm/m	≤ 0.1 mm/m	≤ 0.1 mm/m
Height differences of elements EN 13329	average ≤ 0.10 mm max ≤ 0.15 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm
Openings between installed elements EN 13329	average ≤ 0.15 mm max ≤ 0.20 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm	average ≤ 0.05 mm max ≤ 0.10 mm
Block alignment	none	± 2 mm	± 2 mm	± 2 mm	± 2 mm

Certificates / Test reports

LGA "Quality certificate"	No. 1251	No. 1251	No. 1251	No. 1251
LGA "tested for contaminants"	No. 133 01	No. 133 01	No. 133 01	No. 133 01
LGA Test report on the Quality certificate	IWQ MBL 734 1809	IWQ MBL 734 1809	IWQ MBL 734 1809	IWQ MBL 734 1809

