

Technical data sheet

Laminate Flooring Trendtime




	Trendtime 4	Trendtime 5	Stone-Click
Product quality			
Formats / mm	1285 x 400 x 8	638 x 330 x 8	1284 x 321 x 8
Pieces / m ² per pack	5 / 5,57	10 / 2.105	5 / 2.061
Packs / m ² per pallet	28 / 71.96	24 / 50.52	28 / 57.71
Weight per pack / pallet in kg	19.43 / 544.02	15.92 / 380	15.83 / 436.24

Functional / Surface quality (Test standard)			
Utility class EN 13329	32	32	32
Abrasion EN 13329	AC 4 = IP ≥ 4000	AC 4 = IP ≥ 4000	AC 4 = IP ≥ 4000
Shock loading EN 13329 (EN 438-2, 11/12)	IC 2 = ≥ 12 N / 1600 mm	IC 2 = ≥ 12 N / 1600 mm	IC 2 = ≥ 12 N / 1600 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
Resistance to dropped cigarette glow EN 13329 (EN 438-2, 18)	level 4	level 4	level 4
Scraping with furniture feet EN 13329 (EN 424)	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
Scratch resistance (EN 438-2, 14)	3.5 - 4.5 N	3.5 - 4.5 N	3.5 - 4.5 N
Thickness swelling EN 13329	10%	10%	10%
Improvement of edge swelling versus EN 13329 (Company standard)	60%	60%	60%
Light fastness EN 13329 (EN ISO 105-B02)	Stage ≥ 6	Stage ≥ 6	Stage ≥ 6
Light fastness EN 13329 (EN 20105-A02)	Stage ≥ 4	Stage ≥ 4	Stage ≥ 4
Sliding friction EN 14041 (DIN EN 13893)	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

Environment			
Formaldehyde (E1 = 0.1ppm)	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm
Environmental label RAL-UZ38 "Blauer Engel"	fulfilled	fulfilled	fulfilled
LGA "tested for contaminants"	fulfilled	fulfilled	fulfilled
Disposal: AltholzV, KrW-/AbfG, Test conditions for secondary fuels	material and re-usable energy source	material and re-usable energy source	material and re-usable energy source

Physical quality				
Thermal transmittance value DIN EN 12664:2001	w/o underlay	0.0477 m ² *K/W	0.0477 m ² *K/W	0.0477 m ² *K/W
Thermal conductivity DIN EN 12664:2001	w/o underlay	0.164 W/(m*K)	0.164 W/(m*K)	0.164 W/(m*K)
Inflammability EN 13501-1		C _{fl} - s1	C _{fl} - s1	C _{fl} - s1
Transmission noise reduction (ISO 140-8) Δ L _W		18 db with Duo Protect	18 db with Duo Protect	18 db with Duo Protect

Tolerances	Requirements			
Gross density of the substrate (≥ 825 Kg/m ³)		≥ 900 Kg/m ³	≥ 900 Kg/m ³	≥ 900 Kg/m ³
Squareness of elements EN 13329	≤ 0.20 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
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
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
Block alignment	none	± 2 mm	± 2 mm	± 2 mm

Certificates / Test reports			
LGA "Quality certificate"	No. 1251	No. 1251	No. 1251
LGA "tested for contaminants"	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
	 EN 14041	 EN 14041	 EN 14041