

Product quality		Tolerances (EN 13329)	
Formats	858 x 143 x 8 mm	Squareness of the elements (≤ 0.50 mm)	$\leq 0,10$ mm
Packaging	Pack: 13 elements / 1.595 m ² / 12.13 kg	Determination of Linearity (≤ 0.30 mm)	$\leq 0,10$ mm/m
	Pallet: 56 packs / 89.32 m ² / 694.32 kg	Surface flushness	(average ≤ 0.15 mm) (max. ≤ 0.15 mm) (average ≤ 0.05 mm) (max. ≤ 0.10 mm)
Guarantee (according Parador guarantee conditions)		Opening between installed elements	(average ≤ 0.15 mm) (max. ≤ 0.20 mm) (average ≤ 0.05 mm) (max. ≤ 0.10 mm)
Domestic area	Lifetime	Flatness of elements	fw, concave $\leq 0,15$ % fw, convex $\leq 0,20$ % fl, concave $\leq 0,50$ % fl, convex $\leq 1,00$ %
Commercial area	10 years		
Notes	- not suitable for all-over adhesion - min. compressive strength of underlay (CS) ≥ 120 kPa (e.g. Akustik-Protect 80 / 100 / 500) - cleaning an maintenance see instructions - technical changes reserved		



EN 14041:2004/AC:2006



EMISSIÖNEN DANS L'AIR INTÉRIEUR



www.blauer-engel.de/p/176



TESTED PRODUCT
ID 1112 12556 801



floor score



www.tuv.com
ID 9000097616



PEFC-C04-01-0507



THIRD-PARTY VERIFIED
EPD
110 14625 and EN 15804
Institut Bauen und Umwelt e.V.



Classification		
Utility class 23 = domestic areas with intensive use		Utility class 32 = commercial areas with medium use
The laminate flooring meets all requirements of the designated use class.		
Requirements / properties	Test method	Rating
Abrasion	ISO 24338, procedure A	AC 4 (≥ 4.000 rev.)
Impact resistance (small ball)	EN 17368	≥ 35 mm
Impact resistance (big ball)	EN 13329, Annex C	≥ 750 mm
Reaction to fire	EN 13501-1	C _f s1
Slip resistance	EN 13893 EN 14041	$\mu \geq 0,35$ DS
Staining resistance	EN 438-2	Category 1+2: level 5 Category 3: level 4/5
Cigarette resistance	EN 438-2	level 4
Light fastness	EN ISO 4892-2	Grey scale: Stage ≥ 4
Resistance to roller castor chairs	EN ISO 4918	Type W, no visible changes
Electrical behaviour	EN 1815	≤ 2 kV
Thermal resistance Suitable for installation over underfloor heating when using an appropriate underlay and moisture barrier.	EN 12664	0,048 m ² *K/W
Moving a furniture leg	EN ISO 16581	Type 0, no visible changes
Indentation-residual	ISO 24343-1	$\leq 0,05$ mm
Formaldehyde emission (E1 = 0.1 ppm)	EN 16516	$\leq 0,05$ ppm
Locking strength of mechanically assembled panels	ISO 24334	> 1 kN/m (long side) * kN/m (short side)* not reportable due to construction
Acoustical - Impact noise reduction	ISO 717-2	14 dB (on Akustik-Protect 100)
Dimensional changes after changes in relative humidity	EN 13329, Annex A	$\leq 0,9$ mm
Thickness swelling	ISO 24336 (≤ 18 %)	≤ 12 %
Water resistance	ISO 4760	Requirements met (1h instead of 24h)
Surface soundness	EN 13329, Annex B	$\geq 1,8$ N/mm ²
Scratch resistance	EN 438-2	Level 4
Slip resistance on an inclined plane	EN 16165, Annex B	Matt-finish texture: R10 Matt wood texture / natural matt texture: R9
Disposal		EAK-Code-number 20 01 38

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Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from:

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