

Product quality		Tolerances (EN 13329)	
<b>Formats</b>	858 x 143 x 8 mm	<b>Squareness of the elements (≤ 0.50 mm)</b>	≤ 0,10mm
<b>Packaging</b>	Pack: 13 elements / 1.595 m <sup>2</sup> / 12.13 kg	<b>Determination of Linearity (≤ 0.30 mm)</b>	≤ 0,10 mm/m
	Pallet: 56 packs / 89.32 m <sup>2</sup> / 694.32 kg	<b>Block alignment</b>	± 2 mm
<b>Guarantee (according Parador guarantee conditions)</b>	Domestic area	<b>Surface flushness</b>	(average ≤ 0.15 mm)
	Commercial area		(max. ≤ 0.15 mm)
<b>Notes</b>	Lifetime 10 years  - 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	<b>Opening between installed elements</b>	(average ≤ 0.15 mm)
			(max. ≤ 0.20 mm)
		<b>Flatness of elements</b>	<b>fw, concave ≤ 0,15 % fw, convex ≤ 0,20 %</b> <b>fl, concave ≤ 0,50 % fl, convex ≤ 1,00 %</b>



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	EN 13329, Annex E	AC 4 (≥ 4.000 rev.)
	Impact resistance (small ball)	EN 17368	≥ 35mm
	Impact resistance (big ball)	EN 13329, Annex H	≥ 750mm
	Reaction to fire	EN 13501-1	C <sub>f</sub> s1
	Slip resistance	EN 13893 EN 14041	μ ≥ 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 425	Type W, no visible changes
	Electrical behaviour	EN 1815	≤ 2 kV
	<b>Thermal resistance</b> Suitable for installation over underfloor heating when using an appropriate underlay and moisture barrier.	EN 12664	0,048 m <sup>2</sup> *K/W
	Moving a furniture leg	EN ISO 16581	Type 0, no visible changes
	Indentation-residual	ISO 24343-1	≤ 0,05mm
	Formaldehyde emission (E1 = 0.1 ppm)	EN 16516	≤ 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 stability	EN 13329, Annex C	≤ 0,9mm
	Thickness swelling	ISO 24336 (≤ 18 %)	≤ 12 %
	Water resistance	ISO 4760	Requirements met (1h instead of 24h)
	Surface soundness	EN 13329, Annex D	≥ 1,8 N/mm <sup>2</sup>
	Scratch resistance	EN 438	Level 4
	Slip resistance on an inclined plane	EN 16165, Annex B	Rustique texture: - / Other: R9
	Disposal		EAK-Code-number 20 01 38

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Date:	01.01.2014	Latest update at:	<a href="http://www.parador.de/en/services/downloads/laminate-flooring">www.parador.de/en/services/downloads/laminate-flooring</a>
Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from:			01.06.2023