

# PARADOR

Laminate Basic 400 / 400V

Product quality		Tolerances (EN 13329)	
<b>Formats</b>	1285 x 194 x 8mm	<b>Squareness of the elements (<math>\leq 0.50</math> mm)</b>	$\leq 0,10$ mm
<b>Packaging</b>	Pack: 10 elements / 2,493m <sup>2</sup> / 17,6 kg	<b>Determination of Linearity (<math>\leq 0.30</math> mm)</b>	$\leq 0,10$ mm/m
	Pallet: 40 packs / 99,72m <sup>2</sup> / 719 kg	<b>Block alignment</b>	$\pm 2$ mm
<b>Guarantee (according Parador guarantee conditions)</b>		<b>Surface flushness</b>	(average $\leq 0.15$ mm) (average $\leq 0.05$ mm)
Domestic area	15 years	(max. $\leq 0.15$ mm)	(max. $\leq 0.10$ mm)
Commercial area	5 years	<b>Opening between installed elements</b>	(average $\leq 0.15$ mm) (average $\leq 0.05$ mm)
<b>Notes</b>	- not suitable for all-over adhesion - cleaning and maintenance see instructions - technical changes reserved	(max. $\leq 0.20$ mm)	(max. $\leq 0.10$ mm)
		<b>Flatness of elements</b>	<b>fw, concave <math>\leq 0,15</math> % fw, convex <math>\leq 0,20</math> %</b> <b>fl, concave <math>\leq 0,50</math> % fl, convex <math>\leq 1,00</math> %</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 ( $\geq 4.000$ rev.)	
Impact resistance (small ball)	EN 17368	$\geq 35$ mm	
Impact resistance (big ball)	EN 13329, Annex H	$\geq 750$ mm	
Reaction to fire	EN 13501-1	C <sub>s</sub> 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 $\geq 4$	
Resistance to roller castor chairs	EN 425	Type W, no visible changes	
<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	$\leq 0,05$ 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) $> 2$ kN/m (short side)	
Acoustical - Impact noise reduction	ISO 717-2	14 dB (on Akustik-Protect 100)	
Dimensional stability	EN 13329, Annex C	$\leq 0,9$ mm	
Thickness swelling	ISO 24336 ( $\leq 18$ %)	Basic 400: $\leq 15$ % Basic 400V: $\leq 13$ %	
Water resistance	ISO 4760	Requirements met (24h)	
Surface soundness	EN 13329, Annex D	$\geq 1,8$ N/mm <sup>2</sup>	
Scratch resistance	EN 438	Level 4	
Slip resistance on an inclined plane	EN 16165	Matt finish texture: R10 Wood texture / Natural matt texture: R9	
Disposal		EAK-Code-number 20 01 38	

Changed:	QMB Parador	File:	PA_TDS_Laminat_Basic-400_EN_20230601
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