

# PARADOR

## Laminate Hydron 600

Product quality		Tolerances (EN 13329)		
<b>Formats</b>	1285 x 243 x 9 mm	<b>Squareness of the elements (<math>\leq 0.50</math> mm)</b>	$\leq 0,10$ mm	
<b>Packaging</b>	Paket: 6 elements / 1.874 m <sup>2</sup> / 16.1 kg	<b>Determination of Linearity (<math>\leq 0.30</math> mm)</b>	$\leq 0,10$ mm/m	
	Pallet: 42 packs / 78.688 m <sup>2</sup> / 691 kg	<b>Block alignment</b>	$\pm 2$ mm	
<b>Guarantee (according Parador guarantee conditions)</b>	Domestic area	<b>Surface flushness</b>	<b>(average <math>\leq 0.15</math> mm)</b>	(average $\leq 0.05$ mm)
	Commercial area		<b>(max. <math>\leq 0.15</math> mm)</b>	(max. $\leq 0.10$ mm)
<b>Notes</b>	Lifetime	<b>Opening between installed elements</b>	<b>(average <math>\leq 0.15</math> mm)</b>	(average $\leq 0.05$ mm)
	10 years		<b>(max. <math>\leq 0.20</math> mm)</b>	(max. $\leq 0.10$ mm)
	- cleaning an maintenance see instructions - technical changes reserved	<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	
The laminate flooring meets all requirements of the designated use class.		
Requirements / properties	Test method	Rating
Abrasion	EN 13329, Annex E	AC 5 ( $\geq 6.000$ rev.)
Impact resistance (small ball)	EN 17368	$\geq 70$ mm
Impact resistance (big ball)	EN 13329, Annex H	$\geq 1.000$ mm
Reaction to fire	EN 13501-1	C <sub>f</sub> s1
Slip resistance	EN 13893	$\mu \geq 0,35$
	EN 14041	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
Electrical behaviour	EN 1815	$\leq 2$ 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	$\leq 0,05$ 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 ( $\leq 15$ %)	5%
Water resistance	ISO 4760	Requirements met (100h instead of 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, Annex B	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:			01.06.2023