

PARADOR

Laminate Hydron 600

Product quality		Tolerances (EN 13329)	
Formats	1285 x 243 x 9 mm	Squareness of the elements (≤ 0.50 mm)	$\leq 0,10$ mm
Packaging	Paket: 6 elements / 1.874 m ² / 16.1 kg	Determination of Linearity (≤ 0.30 mm)	$\leq 0,10$ mm/m
	Pallet: 42 packs / 78.688 m ² / 691 kg	Block alignment	± 2 mm
Guarantee (according Parador guarantee conditions)	Domestic area	Surface flushness	(average ≤ 0.15 mm)
	Commercial area		(max. ≤ 0.15 mm)
Notes	Lifetime	Opening between installed elements	(average ≤ 0.15 mm)
	10 years		(max. ≤ 0.20 mm)
	- cleaning an maintenance see instructions - technical changes reserved	Flatness of elements	fw, concave $\leq 0,15$ % fw, convex $\leq 0,20$ % fl, concave $\leq 0,50$ % fl, convex $\leq 1,00$ %



Classification		
	Test method	Rating
Utility class 23 domestic areas with intensive use	EN 13329	Living room, hall, kitchen, home office
Utility class 33 commercial areas with intensive use	EN 13329	Classrooms, open-plan offices, shops
Abrasion	EN 13329, Annex E	AC 5 (≥ 6.000 rev.)
Impact resistance (small ball)	EN 17368*	≥ 70 mm
Impact resistance (big ball)	EN 13329, Annex H	≥ 1.000 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 425	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 424	No visible changes
Indentation-residual	ISO 24343-1	$\leq 0,05$ mm
E1 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 (≤ 15 %)	≤ 12 %
Surface soundness	EN 13329, Annex D	$\geq 1,8$ N/mm ²
Scratch resistance	EN 438	Level 4
Slip resistance on an inclined plane	DIN 51130	R9
Disposal		EAK-Code-number 20 01 38
The water-resistant product structure enables use in damp rooms (with up to 24h protection against standing water according to NALFA test. Please observe installation instructions).		

*test standard differing from EN 13329

Changed:	QMB Parador	File:	PA_TDS_Laminat_Hydron-600_EN_20210201
Date:	01.01.2014	Latest update at:	www.parador.eu/service/catalogues-downloads/technical-data-sheets
Our technical data sheets are constantly updated and adapted to the latest technology. This version replaces all earlier versions and is valid from:			01.02.2021