

**PRODUCT DESCRIPTION**

PROPERTY	INFO	CLASS 32
Dimension	1285 x 192 x 8.0mm	<p><b>HEAVY DOMESTIC</b></p> <p><b>MEDIUM COMMERCIAL</b></p> <p>By buying products with the FSC label you are supporting the growth of responsible forest management worldwide FSC Supplier Cert no. TT-COC-1913 © 1996 Forestry Stewardship Council A.C.</p> <p>Kronospan Ltd Chirk, Wrexham, LL14 5NT</p> <p>EN 14041: 2004 06 Laminate flooring for use in buildings (EN 13329) Reaction to fire / Class E1 Slipperiness / NPD Formaldehyde / E1</p>
Package	9 pieces per carton = 2.22m <sup>2</sup> correspondingly 15kg 48 cartons per pallet = 106.6m <sup>2</sup>	
Production	Direct faced laminate flooring / melamine impregnated paper / core high-density fibreboard made using 50% FSC timber certified by BM TRADA under license TT-COC-1913	
Laying	Must be layed as floating floor	
Classification (BS EN 13329)	23: Heavy domestic use 32: Medium commercial use	



**PRODUCT CHARACTERISTICS HDF-BASE**

FACTOR	STANDARD	UNIT	NOMINAL VALUE
Formaldehyde content	EN 622-1	mg/100g	<8 (class E1)
24h swelling	EN 622-5	%	<17%
Bending strength	EN 622-5	N/mm <sup>2</sup>	23
Internal bond	EN 622-5	N/mm <sup>2</sup>	1
Moisture content	EN 622-1	%	4 to 11

**PRODUCT CHARACTERISTICS OF LAMINATED FLOOR CORE-BOARDS CLASS: 23-32**

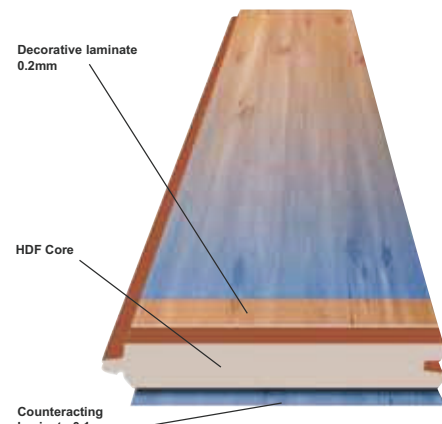
FACTOR	STANDARD	UNIT	NOMINAL VALUE
Abrasion	EN 13329	REVS	AC 4: IP ≥4,000
Impact resistance	EN 13329	N & mm	≥ IC 2
Stain resistance	EN 438.2.15	Scale*	Group 1&2: 5 Group 3:4
Edge swelling	EN 13329	%	≤ 18

### PRODUCT CHARACTERISTICS FINISHED FLOOR BOARDS

FACTOR	STANDARD	UNIT	NOMINAL VALUE
Thickness of element t	EN 13329	mm	8.0mm nominal -0,2/+0,3
			Max: 8.3 Min: 7.8
Length of top layer l	EN 13329	mm	+/- 0.5
Width of top layer w	EN 13329	mm	w(average) ≤ 0,1
Angular accuracy q	EN 13329	mm	q(max) ≤ 0,2
Edge straightness of Top layer, s	EN 13329	mm/m	s (max) ≤ 0,3
Flatness of the element	EN 13329	%	fw(concave) ≤ 0,15 fw (convex) ≤ 0,20
Width fw			
Flatness of the element	EN 13329	%	fl(concave) ≤ 0,50 fl(convex) ≤ 1,00
Length fl			
Joint opening o	EN 13329	mm	o (average) ≤ 0,15 o (max) - o (min) ≤ 0,20
Height difference between elements	EN 13329	mm	h (average) ≤ 0,10 h (max) - h (min) ≤ 015
Dimensional stability	EN 13329	mm	average ≤ 0,9
Light fastness*	EN 20105		Grey scale: ≥ 4
	EN ISO 105		Blue wool scale: ≥ 6
Imprint after constant Loading*	EN 433		no visible change
Surface soundness	EN 311	N/mm <sup>2</sup>	≥ 1,00
Width of décor	+ / - 4mm		
Misalignment			

\* Not tested in the Kronospan Laboratory

### VARIO 8.0MM DIRECT PRESSED LAMINATE FLOORING

PROPERTY	INFO	CONSTRUCTION
Cover dimensions	1285 x 192 x 8mm	
Carrier material	HDF 7.4mm	
Décor laminate	0.2mm	
Balance	0.1mm	
Total thickness	8.0mm nominal - 0,2 / + 0,3	
Abrasion	4,000	
Packing	9 panels = 2.22m <sup>2</sup> / 48 packages per pallet 432 panels = approx. 106.6m <sup>2</sup> per pallet	
Weight	15kg per package / 740kg per pallet, pallet size 1300 x 820 x 1100mm	
Loading quantity	Truck 30 pallets = approx. 3198m <sup>2</sup>	