



QUALITÄTSMANAGEMENT
HANDBUCH



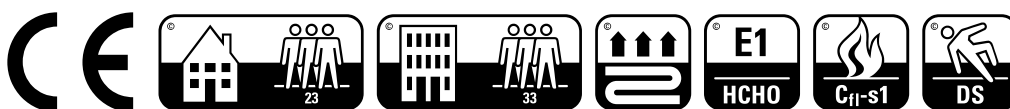
Qualitätsmanagementsystem

technical datasheet

12mm Robusto 4V

1. Product description

- 1.1. Format 1375 x 188 x 12 mm
- 1.2. Packing 5 boards each pack = 1,293 m²
- 1.3. Technical description
- Surface Three-dimensional interlaced melamine resin
 - Decor Melamine resin impregnated printed paper
 - Core layer HDF High Density Fiberboard
 - Balance film Melamine resin impregnated paper
- 1.4. Installation Mechanical looking system , Clic-System – much easier to install , up to 50% quicker to install (against other clic systems). Floating installation according to the installation description .
- 1.5. Classification ISO 10874 class 23 : heavy domestic use
class 33 : heavy commercial use
- EN 14041 CE – Mark
- 1.6. Fire classification EN 13501 C_{fl} – s1 (Hardly inflammable ~ B1)
- 1.7. Emission E1 lower than 0,05 ppm
- 1.8. Slip resistance Technical class DS
- 1.9. Thermal conductivity Thermal resistance according to DIN EN 12667 R= 0,0885 [(m² * K)/W]



12mm Robusto 4V

	Characteristic	Requirements	Unit	Testmethod
1.	Sampling			EN 13329
2.	Thickness	12	mm	EN 13329
3.	Level of use	21 - 33		EN 13329
4.	Wear resistance	AC5		EN 13329
5.	Impact resistance	small Ball ≥ 70 mm big Ball ≥ 1000 mm		EN 17368d annexe H
6.	Thickness swelling	≤ 8	%	ISO 24336
7.	Resistance to staining	5,g. 1-2 4,g. 3		EN 438-2
8.	Internal bond	$> 1,2$	N/mm ²	EN 319
9.	Surface soundness	$> 1,5$	N/mm ²	EN 311
10.	Locking strength	FI 0,2 ≥ 1 Fs 0,2 ≥ 2	kN/m	ISO 24334
11.	Surface layer width	$\pm 0,1$	mm	EN 13329
12.	Surface layer length	$\pm 0,3$	mm	EN 13329
13.	Squareness	max 0,2	mm	EN 13329
14.	Surface layer straightness	$< 0,3$	mm/m	EN 13329
15.	Height difference between elements	max 0,15	mm	EN 13329
16.	Openings between elements	max 0,2	mm	EN 13329
17.	Formaldehyd content	$< 0,05$	ppm	EN 717-1

Erstellt (Datum, Unterschrift) QS	Geprüft und Freigegeben (Datum, Unterschrift) 01.02.2022 Zielke	
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