

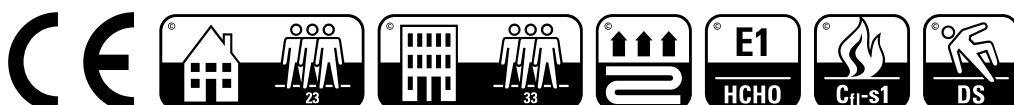
Qualitätsmanagementsystem

technical datasheet

## 12mm Rooms Aqua Penthouse 4V

### 1. Product description

- 1.1. Format 1380 x 191 x 12 mm
- 1.2. Packing 5 boards each pack = 1,318 m<sup>2</sup>
- 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 locking system , 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<sub>fl</sub> – 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= 0,103 [(m<sup>2</sup> \* K)/W]
- 2.0 Moisture resistance at ISO 4760 ( NALFA), class 2 ( swelling < 0,3mm)  
mounted joint



# Penthouse

	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 $\geq 70$ mm big Ball $\geq 1000$ mm		EN 17368d annexe H
6.	Thickness swelling 24h	$\leq 10$	%	ISO 24336
7.	Resistance to staining	5,g. 1-2 4,g. 3		EN 438-2
8.	Internal bond	$> 1,2$	N/mm <sup>2</sup>	EN 319
9.	Surface soundness	$> 1,5$	N/mm <sup>2</sup>	EN 311
10.	Locking strength	FI 0,2 $\geq 1$ Fs 0,2 $\geq 2$	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	
---	--	--