

# planeo Laminat 12mm

Stand: 01.21



**Structure**

- 1 Durable, highly abrasion-resistant overlay
- 2 Decorative paper
- 3 HDF Optima mainboard
- 4 Underlay

**Profile**

**Loc**  
Longitudinal profile

**Fold Down**  
Transverse profile

Formaldehyde emission / VOC			GREENGUARD GOLD
Formaldehyde emission	CARB		CARB Faza 2
Edge swelling	EN 13329		≤ 18%
Thermal resistance	ISO 8302		0,0780 m².K/W
Factory moisture content	EN 322		4 - 7 %
Cigarette burn prevention behaviour	EN 438-2.18		Grade 4
Light resistance	EN ISO 105-B02 EN 20105 A-02		Better than level 6 blue wool scale Better than level 4 grey scale
Dry lifting resistance	EN 13329		≥ 1,25 N/mm²
Stain resistance	EN 438-2.15		Groups 1-2    Grade 5 Group 3        Grade 4
Fire resistance	EN13501-1		Cfl , s1
Sliding friction μ	EN 13893		≥ 0,3
Dimensional stability	EN 13329		Lenght and width ≤ 0,9 mm
Edge straightness	EN 13329		≤ 0,30 mm /m
Height difference between connected elements	EN 13329		Max        ≤ 0,15 mm medium    ≤ 0,10 mm
Perpendicularity	EN 13329		≤ 0,2 mm / panel width
Transverse flatness	EN 13329		concave ≤ 0,3 mm convex    ≤ 0,4 mm
Longitudinal flatness	EN 13329		concave ≤ 7 mm convex    ≤ 14 mm
Decor offset for system decors			+/- 2mm
Decor offset for ship flooring			+/- 4mm

Testing	Flooring <sup>1</sup> Symbols	Results
Panel dimensions		1375x188x12mm   1290x193x12mm
Class of use as required	EN ISO 10874 EN 13329 	<b>33</b>
Abrasion resistance	EN 13329 	<b>AC5</b>
Hit resistance	small ball large ball EN 13329 	<b>≥12N</b> <b>≥750mm</b>
Formaldehyde content of the carrier board before coating	EN 120 DIBT-Richtlinie 100 	<b>E1</b> <b>[Europe]</b>
Formaldehyde emissions	EN 717-1 EN 717-2	< 0,1 ppm < 3,5 mg/h m²

All values quoted are guidelines - production-related fluctuations cannot be excluded.

1)Information on www.flooringsymbols.com