

# Technical Data Sheet



Ceramin Flooring

Usage Class 34 according to DIN EN 16511:2023-07

Version: 12/2024

**Profile:** **easyloc**  
by CLASSEN

**Core board:** Classen Ceramin-Board  
**Dimensions:** 1290 x 203 x 4+1  
**Quantity / Weight per box (PU):** 9 pieces = 2.356 m<sup>2</sup> / approx. 16 kg  
**Quantity / Weight per pallet:** 48 PU = 113.08 m<sup>2</sup> / approx. 759 kg  
**Surface structure:** MATT Timberland

Characteristics		Test Method	Requirements
<b>General Requirements</b>			
Geometrical characteristics		EN 17539	Lengths: ± 0.5 mm Width: ± 0.1 mm
Total thickness		EN 17539	± 0.8 mm
Flatness of the elements		EN 17539	Length: concave ≤ 0.50 %, convex ≤ 1.00 % Width: concave ≤ 0.15%, convex ≤ 0.20 %
Squareness		EN 17539	max. ≤ 0.20 mm
Straightness		EN 17539	max. ≤ 0.30 mm/m
Openings		EN 17539	Ø ≤ 0.15 mm max. ≤ 0.20 mm
Height difference		EN 17539	Ø ≤ 0.10 mm max. ≤ 0.15 mm
Light fastness		EN ISO 105-B02	Grey scale level ≥ 4
Determination of dimensional stability and curling after exposure to heat		ISO 23999	Δl ≤ 0.15 % ≤ 2 mm
<b>Classification Requirements</b>			
Wear resistance		ISO 24338 (Method B)	≥ 7,000 Cycles
Impact resistance		EN 13329:2006	≥ 1,800 mm
Micro-scratch resistance		EN 16094	≤ MSR - A2
Castor chair resistance		ISO 4918	No damage with type W (25,000 Cycles)
Movement of a furniture leg		ISO 16581	No damage with type 0
Residual indentation		EN ISO 24343-1	max. ≤ 0.15 mm
Resistance to staining		EN 438-2	5 (group 1 and 2), 4 (group 3)
Thickness swelling		ISO 24336	No swelling
Locking strength		ISO 24334	Long side ≥ 1.0 kN/m Short side ≥ 3.5 kN/m
<b>Essential Characteristics</b>			
Reaction to fire*		EN 13501-1	C <sub>fl</sub> - s1
Slip resistance*		EN 13893 DIN EN 16165 (Annex B)	DS R10
Electrical behaviour		EN 1815	Not antistatic
Formaldehyde*		EN 16516	Not added
Thermal resistance*		EN 12667	R ≤ 0.035 (m <sup>2</sup> K)/W
Reduction of transmitted impact noise with integrated underlay		EN ISO 10140-3	17 dB
PCP-Content		CEN/TR 14823	PCP free
<b>Additional Characteristics</b>			
Composition			No halogenes or phthalates added
VOC Emissions			
Recycled content (Post Consumer)			

**Disposal: Private: with normal household waste / bulky waste possible | Commercial: European Waste Catalog: Waste code 17 02 03**

We guarantee consistency of our decor colours under artificial light of type D50 (CIE D50, ANSI PH 2.30, ISO 3664) and D65 (CIE D65).

\* basic attributes concerning health, safety and energy saving acc. to **CE** EN14041

Our technical data sheets are constantly updated and adapted to the state of the art.

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This edition replaces all previous versions and is valid at the time of writing.

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