

# Technical Data Sheet

Nuva Tiles



Usage Class 34 according to EN 16511

**Profile:**

**megaloc**  
by CLASSEN



















**Core board:**

**Classen Ceramin-Board**  
776 x 387 x 4.5 + 1 mm  
8 pieces = 2.402 m<sup>2</sup> / approx. 18 kg  
45 PU = 108.112 m<sup>2</sup> / approx. 799 kg

**Dimensions:**

**Quantity / Weight per box (PU):**

**Quantity / Weight per pallet:**

Characteristics	Test Method	Requirements
<b>General Requirements</b>		
Geometrical characteristics	ISO 24337	lengths: ± 0.5 mm width: ± 0.1 mm
Total thickness	ISO 24337	± 0.5 mm
Flatness of the elements	EN 13329	<b>width:</b> concave ≤ 0.15% convex ≤ 0.20 % <b>length:</b> concave ≤ 0.50 % convex ≤ 1.00 %
Squareness	ISO 24337	max. ≤ 0.20 mm
Straightness	ISO 24337	max. ≤ 0.30 mm/m
Openings	ISO 24337	∅ ≤ 0.15 mm max. ≤ 0.20 mm
Height difference	ISO 24337	∅ ≤ 0.10 mm max. ≤ 0.15 mm
Light fastness	 EN ISO 4892-2	grey scale level ≥ 4
<b>Classification Requirements</b>		
Wear resistance	 EN 15468	≥ 7000 U
Impact resistance	 EN 16511	≥ 1800 mm
Micro-scratch resistance	EN 16094	≤ MSR - A2
Castor chair resistance	 EN 425	no damage with type W (25.000 Cycles)
Movement of a furniture leg	 EN 424	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 ≥ 2.0 kN/m short side ≥ 3.5 kN/m
Determination of dimensional stability and curling after exposure to heat	 ISO 23999	Δl ≤ 0.25 %
<b>Essential Characteristics</b>		
Reaction to fire*	 EN 13501-1	C <sub>n</sub> -1
Slip resistance*	 EN 13893 DIN 51130 DIN 51097	DS R10 B
electrical behaviour	 EN 1815	not antistatic
Formaldehyde*	 EN 16516	not added
Thermal resistance*	 EN 12667	R ≤ 0.037 (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>		
VOC Emissions	  <a href="http://www.blauer-engel.de/uz120">www.blauer-engel.de/uz120</a> • low emissions • low pollutant content • no adverse impact on health in the living environment	 25%

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** EN 14041

Our technical data sheets are constantly updated and adapted to the state of the art.  
This edition replaces all previous versions and is valid at the time of writing.  
Version 04 / 2023

This document is valid without signature.