

Technical Data Sheet



Tiles 40/80

Class 34 according to EN 10874

Profile:


sealjoint
by CLASSEN

Core board:
Dimensions:
Quantity / Weight per box (PU):
Quantity / Weight per pallet:









Classen Ceramin-Board
780 x 392 x 3 mm
10 pieces = 3.057 m² / approx. 15 kg
54 PU = 165.078 m² / approx. 810 kg

| Characteristics | Test Method | Requirements |
|-----------------|-------------|--------------|
|-----------------|-------------|--------------|

General Requirements

| | | |
|-----------------------------|---|---|
| Geometrical characteristics | ISO 24337 | lengths: ± 0.5 mm width: ± 0.1 mm |
| Total thickness | ISO 24337 | ± 0.5 mm |
| Squareness | ISO 24337 | max. ≤ 0.20 mm |
| Flatness of the elements | EN 13329 | width: concave $\leq 0.15\%$ convex $\leq 0.20\%$ length: concave $\leq 0.50\%$ convex $\leq 1.00\%$ |
| Straightness | ISO 24337 | max. ≤ 0.30 mm/m |
| Light fastness |  EN ISO 4892-2 | grey scale level ≥ 4 |

Classification Requirements

| | | |
|---|--|--|
| Wear resistance (procedure B) |  EN 15468 | ≥ 7000 U |
| Impact resistance |  EN 16511 | ≥ 1800 mm |
| Micro-scratch resistance | EN 16094 | \leq 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 |
| Determination of dimensional stability and curling after exposure to heat |  ISO 23999 | $\Delta l \leq 0.25\%$ |

Essential Characteristics


| | | |
|----------------------|--|---|
| Reaction to fire* |  EN 13501-1 | D - s ₂ , d ₂ C _{fl} - s ₁ |
| Slip resistance* |  EN 13893 DIN EN 16165 DIN EN 16165 | DS R10 B |
| electrical behaviour |  EN 1815 | not antistatic |
| Formaldehyde* |  EN 16516 | not added |
| Thermal resistance* |  EN 12667 | $R \leq 0.013$ (m ² K)/W |
| PCP-Content | CEN/TR 14823 | PCP free |

Additional Characteristics

| | | |
|---------------|--|---|
| VOC Emissions |  www.blauer-engel.de/uz120 <ul style="list-style-type: none"> • low emissions • low pollutant content • no adverse impact on health in the living environment |  |
|---------------|--|---|

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  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 05 / 2022

This document is valid without signature.