

Technical Data Sheet

Ambience 4V

Class 33 according to DIN EN 13329



CLASSEN

Profile:

Core board:

Dimensions:

Quantity / Weight per box (PU):

Quantity / Weight per pallet:

megaloc
aqua protect

Classenboard HDF

1285 x 158 x 10 mm

8 pieces = 1.624 m² / approx. 15 kg

50 PU = 81.200 m² / approx. 737 kg

| Characteristics | Test Method | Requirements |
|---|----------------------|---|
| General Requirements | | |
| Geometrical characteristics | EN 13329 | Length: ± 0.5 mm Width: ± 0.1 mm |
| Thickness | EN 13329 | Ø ≤ 0.5 mm |
| Squareness | EN 13329 | ≤ 0.20 mm |
| Straightness | EN 13329 | ≤ 0.30 mm/m |
| Flatness of the elements | EN 13329 | Width: concave ≤ 0.15% convex ≤ 0.20 % Length: concave ≤ 0.50 % convex ≤ 1.00 % |
| Openings | EN 13329 | Ø ≤ 0.15 mm max. ≤ 0.20 mm |
| Height difference | EN 13329 | Ø ≤ 0.10 mm max. ≤ 0.15 mm |
| Residual indentation | EN ISO 24343-1 | ≤ 0.05 mm |
| Light fastness | EN ISO 4892-2 | grey scale level ≥ 4 |
| Classification Requirements | | |
| Wear resistance | EN 13329 | ≥ 6000 cycles (AC5) |
| Impact resistance | EN 17368 EN 13329 | small - diameter ball ≥ 70 mm large - diameter ball ≥ 1000 mm |
| Castor chair resistance | EN 425 | no damage with type W after 25 000 cycles |
| Thickness swelling | ISO 24336 | ≤ 15 % |
| Locking strength | ISO 24334 | F _{0.2} ≥ 1.0 kN/m F _{3.0} ≥ 2.0 kN/m |
| Movement of a furniture leg | EN ISO 16581 | no damage with type 0 |
| Resistance to staining | EN 438-2 | 5 (group 1 and 2), 4 (group 3) |
| Surface soundness | EN 13329 | ≥ 1.25 N/mm ² |
| Essential Characteristics | | |
| Reaction to fire* | EN 13501-1 | C _{s1} - s1 |
| Slip resistance* | EN 13893 | DS |
| Electrostatic behavior* | EN 1815 | ≤ 2 kV |
| Formaldehyde* | EN 16516 | E1 |
| Formaldehyde-Emissions | ASTM D6007 | US EPA TSCA Title VI / CARB P 2 |
| VOC Emissions | Décret no 2011-321 | A+ |
| Thermal conductivity* | EN 12667 | ≥ 0.075 W/mK |
| Thermal resistance* | EN 12667 | R ≤ 0.07 (m ² K)/W |
| Additional requirements | | |
| Topical moisture resistance-surface swell | ISO 4760 | - Qualitative recovery swell rating final average < 3 - Recovery swell final average ≤ 0.3 mm swelling |
| Topical moisture resistance-water tightness of the joints | ISO 4760 | No water leakage through the joints after 24 hours exposure to water |
| VOC Emissions | | www.blauer-engel.de/uz176 • low emissions and pollutants • wood from sustainable forestry • no adverse impact on health in the living environment |

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.
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This document is valid without signature.