














# Technical Data Sheet


Laminated Flooring Extreme  
Usage Class 33 according to DIN EN 13329



|                                 |   |
|---------------------------------|---|
| Core board:                     | Classenboard HDF                                |
| Dimensions:                     | 1286 x 160 x 12 mm                              |
| Quantity / Weight per box (PU): | 8 pieces = 1.646 m <sup>2</sup> / approx. 18 kg |
| Quantity / Weight per pallet:   | 40 PU = 65.840 m <sup>2</sup> / approx. 720 kg  |

| Characteristics   | Test Method                     | Requirements   |
|---|---------------------------------|--|
| <b>General Requirements</b>   |                                 |  |
| Geometrical characteristics   | EN 13329                        |  |
| Squareness  | EN 13329                        | ≤ 0,2 mm   |
| Straightness  | EN 13329                        | ≤ 0,3 mm   |
| Flatness of the elements  | EN 13329                        | Width:<br>concave ≤ 0,15%<br>convex ≤ 0,20 %<br>Length:<br>concave ≤ 0,50 %<br>convex ≤ 1,00 % |
| Openings  | EN 13329                        | ∅ ≤ 0,15 mm<br>max. ≤ 0,20 mm  |
| Height difference   | EN 13329                        | ∅ ≤ 0,10 mm<br>max. ≤ 0,15 mm  |
| Residual indentation             | EN 433                          | no visible change  |
| Light fastness                  | EN ISO 105-B02                  | Blue wool scale level 6  |
| <b>Classification Requirements</b>  |                                 |  |
| Wear resistance                | EN 13329                        | IP ≥ 6000 cycles ( AC5 )   |
| Castor chair resistance        | EN 425                          | no damage with type W  |
| Impact resistance              | EN 13329                        | IC 3   |
| Thickness swelling             | EN 13329                        | ≤ 18 %   |
| Resistance to cigarette burns  | EN 438                          | Degree 4   |
| Movement of a furniture leg    | EN 424                          | no damage with type 0  |
| Resistance to staining         | EN 438                          | 5 (group 1 and 2), 4 ( group 3)  |
| Surface soundness   | EN 311                          | ≥ 1 N/mm <sup>2</sup>  |
| <b>Essential Characteristics</b>  |                                 |  |
| Reaction to fire*              | EN ISO 11925-2<br>EN ISO 9239-1 | Cfl - s1   |
| Slip resistance*               | EN 13893                        | DS   |
| Formaldehyde*                  | EN 717-1                        | E1   |
| Thermal conductivity*          | EN 12667                        | R ≤ 0,09 (m <sup>2</sup> K)/W  |

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 by  EN14041:2004

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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