

# Technical Data Sheet

Laminated Flooring ADEO Forte H20  
Class 32 according to DIN EN 13329



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

Classenboard HDF  
1285 x 192 x 8  
8 pieces = 1,973 m<sup>2</sup> / approx. 14 kg  
56 PU = 110.488 m<sup>2</sup> / approx. 784 kg

| Characteristics             | Test Method                                                                                                    | Requirements                                                                                                 |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| General Requirements        |                                                                                                                |                                                                                                              |
| Geometrical characteristics | DIN EN 13329 Annex A                                                                                           | Length: ± 0.5mm<br>Width: ± 0.1mm                                                                            |
| Thickness                   | DIN EN 13329 Annex A                                                                                           | ∅ ≤ 0,5mm<br>max. ≤ 0,5 mm                                                                                   |
| Squareness                  | DIN EN 13329 Annex A                                                                                           | ≤ 0.20 mm                                                                                                    |
| Straightness                | DIN EN 13329 Annex A                                                                                           | ≤ 0.30 mm/m                                                                                                  |
| Flatness of the elements    | DIN EN 13329 Annex A                                                                                           | <b>Width:</b><br>concave ≤ 0.15%<br>convex ≤ 0.20 %<br><b>Length:</b><br>concave ≤ 0.50 %<br>convex ≤ 1.00 % |
| Openings                    | DIN EN 13329 Annex B                                                                                           | ∅ ≤ 0.15 mm<br>max. ≤ 0.20 mm                                                                                |
| Height difference           | DIN EN 13329 Annex B                                                                                           | ∅ ≤ 0.10 mm<br>max. ≤ 0.15 mm                                                                                |
| Residual indentation        |  EN ISO 24343-1 : 2012      | ≤ 0.05 mm                                                                                                    |
| Light fastness              |  EN ISO 4892-2:2006/A1:2009 | grey scale level ≥ 4                                                                                         |
| Classification Requirements |                                                                                                                |                                                                                                              |
| Wear resistance             |  EN 13329                   | IP ≥ 4000 cycles ( AC4 )                                                                                     |
| Impact resistance           |  EN 13329                   | small - diameter ball ≥ 12 N<br>large - diameter ball ≥ 750 mm                                               |
| Castor chair resistance     |  EN 425                     | no damage with type W<br>after 25 000 cycles                                                                 |
| Thickness swelling          |  EN 13329                   | ≤ 18 %                                                                                                       |
| Locking strength            |  ISO 24334                  | F <sub>0.2</sub> ≥ 1.0 kN/m<br>F <sub>90.2</sub> ≥ 2.0 kN/m                                                  |
| 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                                                                                                         | ≥ 1.25 N/mm <sup>2</sup>                                                                                     |
| Essential Characteristics   |                                                                                                                |                                                                                                              |
| Reaction to fire *          |  EN 13501-1                 | Cfl-s1                                                                                                       |
| Slip resistance*            |  EN 13893                   | DS                                                                                                           |
| Formaldehyde*               |  EN 717-1                   | E1                                                                                                           |
| Thermal resistance*         |  EN 12667                   | R ≤ 0.07 (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 acc.

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.  
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This document is valid without signature.