






Technical Data Sheet

Discovery Usage Class 32

Load-Bearing Material: Classenboard HDF
 Dimensions: 1286 x 160 x 10 mm
 Quantity/Weight PU: 8 pieces = 1,646 m² / approx. 16 kg
 Quantity/Weight per pallet: 50 PU = 82,300 m² / approx. 800 kg

Characteristics	Testing Procedure	Results
Abrasion resistance	EN 13329	Classen Overlay PREMIUM corresp. AC 4
Shock resistance	EN 13329	IC 2
Resistance to cigarette burns	EN 438 - 2.18	Degree 4
Light fastness	EN 438 - 2.16	Blue wool scale level 6
Resistance to staining	EN 438 - 2.15	Process A - level 5
Resistance to lifting	EN 311	$\geq 1 \text{ N/mm}^2$
Edges swelling	EN 13329	$\leq 18 \%$
Edge squareness of top layer	EN 13329	max. $\leq 0,3 \text{ mm/m}$
Height differences between elements put together	EN 13329	$\varnothing \leq 0,10 \text{ mm}$ max. $\leq 0,15 \text{ mm}$
Squareness of the elements	EN 13329	max. $\leq 0,2 \text{ mm}$
Flatness of the elements	EN 13329	<u>Width:</u> concave max. $\leq 0,15 \%$ convex max. $\leq 0,20 \%$ <u>Length:</u> concave max. $\leq 0,50\%$ convex max. $\leq 1,00 \%$
Reaction to fire* 	EN ISO 11925-2 EN ISO 9239-1	C _{fl} - s1
Slip resistance* 	EN 13893	DS
Formaldehyde* 	ENV 717-1	E1
Thermal conductivity* 	EN 12667	$R \leq (\text{m}^2\text{K})/\text{W}$ - get testing

We guarantee the approximate exactness of our decor pigmentation under the discharge of artificial light D50 (CIE D 50, ANSI PH 2.30, ISO 3664) and D65 (CIE D 65).

* basic attributes concerning health, safety and energy saving by  EN14041:2004