

# Technical data sheet

Quality management ISO 9001:2015  
Code TDEL001  
Revision 04

Coreboard	HDF swell barrier plus (emission standard E1, CARB2/TSCA VI)
Profile	CLIC it!

Declared performance according to EN 14041			
Formaldehyde according to EN 717-1	E1	Slip resistance according to EN 13893	DS, ≥ 0,3
Thermal conductivity according to EN 12667	0,12 W/(m*K)	Antistatic properties according to EN 1815	yes, < 2 kV
Fire classification according to EN 13501-1	Cfl-s1		

Classification and general requirements according to EN 13329	
Class of use	32
Guarantee domestic area	20 years
Guarantee commercial area	5 years
Abrasion resistance, test methode A according to EN 13329, Annex E	AC4 / ≥ 4.000 cycles
Impact resistance, test methods "small/ big ball" according to EN 13329, Annex H	≥ 12 N ≥ 750 mm
Resistance to staining EN 438 - 2	group 1 + 2: level 5 group 3: level 4
Thickness swelling according to ISO 24336	≤ 18 %
Static indentation by constant pressure according to ISO 24343-1	≤ 0,05 mm
Effect of furniture leg according to EN 424 (foot Type 0)	No change in appearance or damage
Effect of a castor chair according to EN 425	25.000 cycles
Profile strength lengthways / crossways according to ISO 24334	≥ 1,0 kN/m / ≥ 2,0 kN/m
Dimensional tolerances of the board according to ISO 24337	length ± 0,5 mm width ± 0,1 mm thickness ± 0,5 mm

Format & Packaging		
Dimension mm (length x width)		Kingsize 1.292 x 327
Total thickness		8 mm
Class of use 31		
Class of use 32		✓
Class of use 33		
Bevel, without		
Bevel, Lengthwise		✓
Bevel, circumferential		✓
Bevel, circumferential + 1		✓
Packet information	Piece	6
	m <sup>2</sup>	2,53
	kg (+/- 5%)	18,31
Pallet information	Packet per pallet	40
	m <sup>2</sup>	101,40
	kg (+/- 5%)	763

## General information

Careful inspection of incoming materials is an essential part of any business transaction. Handling and storage of the flooring must be done with care. The flooring packages must be stored on level and dry ground, protected from weather in a closed building. We recommend conditioning the end products for at least 48 hours before installation according to the expected room climate (> 18 °C, 40 - 70 % relative humidity). Acclimatising takes place packed, lying flat with a minimum distance of 50 cm to all walls. Before and during installation, the floor elements must be checked for possible defects. Damaged flooring boards or those that differ from the norm should not be installed but returned to the supplier to be replaced.

## Environmental and Health

The product has Type I, Type II and Type III eco-labels:




- EPD (Environmental Product Declaration) including externally verified life cycle assessment according to EN 15804
- environmental supplier declaration (Environmental and Health Datasheet)
- Blauer Engel, Greenguard, M1

## Colour matching and surface texture

As slight colour variations occur due to inherent variations in the substrate, we recommend that components used next to each other – in one flooring surface – are selected from the same production batch to ensure colour uniformity or colour consistency.

## Suitability for underfloor heating

suitable for hot water underfloor heating and electric underfloor heating. The surface temperature of the heated flooring structure must not exceed 28° C and heating up too quickly must be avoided. Installation on surface heating systems with night storage function is not permitted. laminate floors may only be installed on electric flat / foil heating systems that are equipped with temperature sensors and controllers.

R - Thermal resistance according to EN 12667		
Total thickness		8 mm
R [(m <sup>2</sup> *K)/W]		0.07
R [(m <sup>2</sup> *K)/W] (+ Silenzio easy)		0.14
R [(m <sup>2</sup> *K)/W] (+ Silenzio Duo)		0.09

## A note on validity

This technical data sheet has been carefully drawn up to the best of our knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors.

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