Technical data sheet

Quality management ISO 9001:2015
Code TDEF001
Revision Nov-26

Coreboard	HDF+ (E1, CARB2/TSCA VI)
Profile	CLIC it! & UNIZIP (Herringbone)

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	0,13 W/(m*K)	Fire classification according to EN 13501-1	Cfl-s1

Classification and general requirements according to EN 13329

Class of use	31	32	33
Manufacturer's warranty* Living area	15 years	20 years	25 years
Manufacturer's warranty* Commercial	5 years	5 years	5 years
Abrasion resistance, test methode A according ISO 24338	AC3 / ≥ 2.000 cycles	AC4 / ≥ 4.000 cycles	AC5 / ≥ 6.000 cycles
Impact resistance, test methods "small/ big ball" according EN 17368 / EN13329, Annex C	≥ 10 mm ≥ 350 mm	≥ 35 mm ≥ 600 mm	≥ 70 mm ≥ 750 mm
Resistance to staining EN 438 - 2	group 1 + 2: level 5 group 3: level 4	group 1 + 2: level 5 group 3: level 4	group 1 + 2: level 5 group 3: level 4
Thickness swelling according ISO 24336	≤ 18 %	≤ 18 %	≤ 15 %
Static indentation by constant pressure according ISO 24343-1	≤ 0,05 mm	≤ 0,05 mm	≤ 0,05 mm
Effect of furniture leg according EN ISO 16581 (foot Type 0)	No change in appearance or damage	No change in appearance or damage	No change in appearance or damage
Effect of a castor chair according EN ISO 4918	10.000 cycles	15.000 cycles	20.000 cycles
Profile strength lengthways / crossways according to ISO 24334	no requirement	≥ 1,0 kN/m / ≥ 2,0 kN/m	≥ 1,0 kN/m / ≥ 2,0 kN/m
Dimensional tolerances of the board according to EN 17539	length ± 0,5 mm width ± 0,1 mm thickness ± 0,5 mm	length ± 0,5 mm width ± 0,1 mm thickness ± 0,5 mm	length ± 0,5 mm width ± 0,1 mm thickness ± 0,5 mm

Format & Packaging

Dimension mm (length x width)		Classic 1.292 x 193		Herringbone 840 x 168	Large 1.292 x 246	Large 1.292 x 246	Kingsize 1.292 x 327	Kingsize 1.292 x 327
Total thickness		7 mm	8 mm	8 mm	7 mm	8 mm	7 mm	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	10	8	14	9	8	7	6
	m^2	2,49	1,99	1,98	2,86	2,54	2,96	2,53
	kg (+/- 5%)	16,38	15,07	14,65	17,81	19,40	18,90	19,33
Pallet information	Packet per pallet	52	60	49	45	45	40	40
	m^2	129,67	119,69	96,81	128,71	114,42	118,30	101,40
	kg (+/- 5%)	852	904	734	810	873	757	773

Please find additional information on the backside

EU Ecolabel : DE/035/003

General information and warranty notice

Careful inspection of incoming materials is an essential part of any business transaction. The flooring must be handled and stored with care. The flooring packages should be stored on a flat and dry surface, protected from frost and weather, in an enclosed building. We recommend that the final products be conditioned for at least 48 hours before installation according to the expected indoor climate (> 18 °C, 40 - 70% relative humidity). Air conditioning is carried out in the packaged state, lying flat with a minimum distance of 50 cm from all walls. Before and during installation, the floor elements must be checked for any defects. Damaged or otherwise deviating floor elements must not be installed and should be returned to the dealer and replaced.

*In addition to the statutory warranty, a voluntary manufacturer's warranty applies to defined product properties.

Environment and Health

The product has Type I, Type II and Type III Ecolabels:

- EPD (Environmental Product Declaration) - externally verified life cycle assessment according to EN 15804
- Environmental and Health Datasheet
- EU Ecolabel, Floorscore, Greenguard Gold, M1, A+

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

Floors are 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, $R_{total} = R_{LF} + R_S$ **[(m²*K)/W]**

Total thickness		7 mm	8mm
R_{LF} Laminate Flooring		0.05	0.06
R_S Silenzio easy		0,057	
R_S Silenzio easy SD		0,057	
R_S Silenzio Professional SD		0,010	
R_S Silenzio Duo		0,040	