

# Technical data sheet

## EGGER Comfort Flooring

Quality management ISO 9001:2015  
Code TDEC001  
Revision 04

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

Declared performance according to EN 14041	
Antistatic properties according EN 1815	not available
λ - Thermal conductivity according to EN 12667	0,10 W/(m*K)
Fire classification according to EN 13501-1	Cfl-s1
Formaldehyde according to EN 717-1	E1
Slip resistance according to EN 13893	DS

additional properties	
Impact Sound Reduction according to EN ISO 10140-3	≤ 16 dB <sup>(2)</sup>
Room Sound Reduction IHD W 431 <sup>(1)</sup> 8mm	≤ 47 %
Room Sound Reduction IHD W 431 <sup>(1)</sup> 10mm	≤ 43 %

\* reference flooring construction: 7 mm laminate flooring on 3 mm PE-Foam and 0,2 mm PE-Film. The determined room sound improvement gives the percentage reduction of the loudness feeling relating to the reference.  
(2) 8mm = 10mm

### Classification and general requirements according to EN 16511

Class of use	31	32
Guarantee domestic area	15 years	20 years
Guarantee comercial area	5 years	5 years
Abrasion resistance, test methode A according EN 13329, Annex E	≥ 600 cycles	≥ 1.200 cycles
Impact resistance, test method "big ball" according EN 13329, Annex H	≥ 800 mm	≥ 1.200 mm
Resistance to staining EN 438 - 2	group 1 + 2: level 4 group 3: level 3	group 1 + 2: level 5 group 3: level 4
Thickness swelling according ISO 24336	≤ 20 %	≤ 18 %
Static indentation by constant pressure according ISO 24343-1	≤ 0,3 mm	≤ 0,2 mm
Effect of furniture leg according EN 424 (foot Type 0)	no requirement	No change in appearance or damage
Effect of a castor chair according EN 425	10.000 cycles	25.000 cycles
Microscratch resistance according to EN 16094	no requirement	≤ MSR-A3
Profile strength lengthways / crossways according to ISO 24334	no requirement	≥ 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	length ± 0,5 mm width ± 0,1 mm thickness ± 0,5 mm

Format & Packaging						
Dimension mm (length x width)		Classic 1.292 x 193	Classic 1.292 x 193	Large 1.292 x 246	Large 1.292 x 246	Kingsize 1.292 x 327
Total thickness		8 mm	10 mm	8 mm	10 mm	10 mm
Class of use 31		✓		✓		
Class of use 32			✓		✓	✓
Bevel		circumferential	circumferential	circumferential	circumferential	circumferential
Integrated underlay made from natural cork		✓	✓	✓	✓	✓
Packet information	Piece	8	7	8	7	5
	m <sup>2</sup>	1,99	1,75	2,54	2,22	2,11
	kg (+/- 5%)	12,97	14,22	16,45	18,09	17,49
Pallet information	Packet per pallet	48	48	39	39	40
	m <sup>2</sup>	95,75	83,78	99,16	86,77	84,50
	kg (+/- 5%)	705	702	705	725	750

Please find additional information on the backside



[www.blauer-engel.de/uz176](http://www.blauer-engel.de/uz176)



Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



## 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 ( $> 18^{\circ}\text{C}$ , 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. For more information, please visit [www.egger.com](http://www.egger.com)

## Environmental and Health

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

- environmental supplier declaration (Environmental and Health Datasheet)
  - Blauer Engel, Greenguard, M1
  - further information on the circular economy and sustainability can be found at [www.egger.com/ecofacts](http://www.egger.com/ecofacts).
- EGGER comfort flooring consists of 87% renewable raw materials.

## 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

EGGER floors are suitable for hot water underfloor heating and electric underfloor heating. The surface temperature of the heated flooring structure must not exceed  $28^{\circ}\text{C}$  and heating up too quickly must be avoided. Installation on surface heating systems with night storage function is not permitted. EGGER 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	10 mm
R [(m <sup>2</sup> *K)/W]	0,08	0,10

## Accessories

When installing the floor, we recommend EGGER's own range of accessories with the product groups: EGGER Silenzio underlay mats, the matching MDF skirting boards, as well as many other accessories that are perfectly colour-coordinated with the flooring range on offer. You will find further information at [www.egger.com](http://www.egger.com).

## 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. In addition, technical changes may result from the further development of EGGER flooring as well as changes to standards and public law documents. This technical data sheet is not an instruction for use and is not a legally binding document.