

Technical leaflet

Thermal resistance of EGGER Laminate Flooring, Comfort Flooring, Design Flooring GreenTec and EGGER underlayer

Applicability for heated floors and cooled floors

Version	Thermal Resistance DIN EN 12667 R in (m ² K)/W*	Applicability for heated floors (requirement) R < 0.15 (m ² K)/W	Applicability for cooled floors (recommendation) R < 0.10 (m ² K)/W
EGGER Laminate Flooring			
6 mm Laminate Flooring	0.05	yes**	yes**
7 mm Laminate Flooring	0.06	yes**	yes**
8 mm Laminate Flooring	0.07	yes**	yes**
10 mm Laminate Flooring	0.08	yes**	yes**
12 mm Laminate Flooring	0.10	yes**	yes**
6 mm Laminate Flooring on silenzio EASY/ EASY SD	0.12	yes	no
7 mm Laminate Flooring on silenzio EASY/ EASY SD	0.12	yes	no
8 mm Laminate Flooring on silenzio EASY/ EASY SD	0.14	yes	no
10 mm Laminate Flooring on silenzio EASY/ EASY SD	0.14	yes	no
12 mm Laminate Flooring on silenzio EASY/ EASY SD	0.16	no	no
6 mm Laminate Flooring on silenzio DUO	0.08	yes	yes
7 mm Laminate Flooring on silenzio DUO	0.10	yes	yes
8 mm Laminate Flooring on silenzio DUO	0.10	yes	yes
10 mm Laminate Flooring on silenzio DUO	0.11	yes	no
12 mm Laminate Flooring on silenzio DUO	0.13	yes	no
6 mm Laminate Flooring on silenzio cork	0.09	yes	yes
7 mm Laminate Flooring on silenzio cork	0.09	yes	yes
8 mm Laminate Flooring on silenzio cork	0.10	yes	yes
10 mm Laminate Flooring on silenzio cork	0.10	yes	yes
12 mm Laminate Flooring on silenzio cork	0.11	yes	no



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EGGER Laminate Flooring Aqua+			
8 mm Laminate Flooring Aqua+	0.06	yes**	yes**
8 mm Laminate Flooring Aqua+ on silenzio EASY/ EASY SD	0.13	yes	no
8 mm Laminate Flooring Aqua+ on silenzio DUO	0.09	yes	yes
8 mm Laminate-Flooring Aqua+ on silenzio cork	0.10	yes	yes
12 mm Laminate Flooring Aqua+ on silenzio cork	0.12	yes	no
EGGER Comfort Flooring			
8 mm Comfort Flooring with 0.8 mm cork layer (coated)	0.08	yes	yes
10 mm Comfort Flooring with 1.2 mm cork layer (coated)	0.09	yes	yes
EGGER Design Flooring			
7.5 mm Design Flooring GreenTec	0.05	yes	yes
7.5 mm Design Flooring GreenTec glued down	0.05	yes	yes
EGGER silenzio underlayer			
EGGER silenzio Easy/ Easy SD	0.06	yes	yes
EGGER silenzio Duo	0.04	yes	yes
EGGER Silenzio cork	0.04	yes	yes

*All mentioned values were determined under lab conditions and gives no guarantee, that these results will be reached / reproduced again in the use case (on-site measurement).

**Depending on the thermal resistance value of the used underlay. The total of the heat conductivity values for all Components must be ≤0.15m²K/W when installing on heated floor or ≤0.10m²K/W for cooling systems.

Provisional note:

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 its suitability for specific applications. It is based on practical experiences, our own tests and corresponds to our present state of knowledge. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development of EGGER Flooring, as well as from changes to standards and public law documents. Therefore, the content of these processing instructions cannot serve as instructions for use nor as a legally binding basis.

