

Technical leaflet

Thermal resistance of EGGER Laminate Flooring, Comfort Flooring, Design Flooring 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
9 mm Laminate Flooring	0.08	yes	yes
10 mm Laminate Flooring	0.08	yes	yes
11 mm Laminate Flooring	0.09	yes	yes
12 mm Laminate Flooring	0.10	yes	yes
6 mm Laminate Flooring on silenzio EASY	0.12	yes	no
7 mm Laminate Flooring on silenzio EASY	0.12	yes	no
8 mm Laminate Flooring on silenzio EASY	0.14	yes	no
9 mm Laminate Flooring on silenzio EASY	0.14	yes	no
10 mm Laminate Flooring on silenzio EASY	0.14	yes	no
11 mm Laminate Flooring on silenzio EASY	0.16	no	no
12 mm Laminate Flooring on silenzio EASY	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
9 mm Laminate Flooring on silenzio DUO	0.11	yes	no
10 mm Laminate Flooring on silenzio DUO	0.11	yes	no
11 mm Laminate Flooring on silenzio DUO	0.12	yes	no
12 mm Laminate Flooring on silenzio DUO	0.13	yes	no

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 coated			
7 mm Laminate Flooring with 2.0 mm silenzio (coated)	0.12	yes	no
8 mm Laminate Flooring with 2.0 mm silenzio (coated)	0.12	yes	no
11 mm Laminate Flooring with 2.0 mm silenzio (coated)	0.15	yes	no
EGGER Laminate Flooring aqua+			
8 mm Laminate Flooring aqua+	0.06	yes	yes
8 mm Laminate Flooring aqua+ on silenzio EASY	0.13	yes	no
8 mm Laminate Flooring aqua+ on silenzio DUO	0.09	yes	yes
8 mm Laminate Flooring aqua+ with 2.0 mm silenzio (coated)	0.12	yes	no
EGGER Comfort Flooring			
8 mm ComfortHome Flooring with 0.8 mm cork layer (coated)	0.08	yes	yes
10 mm ComfortPro Flooring with 1.2 mm cork layer (coated)	0.09	yes	yes
EGGER Design Flooring			
5 mm Design Flooring	0.03	yes	yes
5 mm Design Flooring on silenzio DUO	0.07	yes	yes
5 mm Design Flooring full surface gluing	0.03	yes	yes
EGGER silenzio underlayer			
EGGER silenzio Easy	0.06	yes	yes
EGGER silenzio Duo	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).

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.

