

Quality Management ISO 9001:2008

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Technical leaflet

Impact noise and room sound reduction of EGGER Laminate Flooring, Comfort Flooring and Design Flooring

Version	Impact Noise Reduction acc. to ISO 10140-3 ΔL_w in dB	Room Sound Reduction acc. to IHD-W431* in %
EGGER Laminate Flooring		
6 mm Laminate Flooring on silenzio EASY	19	30
7 mm Laminate Flooring on silenzio EASY	18	27
8 mm Laminate Flooring on silenzio EASY	17	31
9 mm Laminate Flooring on silenzio EASY	17	27
10 mm Laminate Flooring on silenzio EASY	17	25
11 mm Laminate Flooring on silenzio EASY	16	30
12 mm Laminate Flooring on silenzio EASY	16	33
6 mm Laminate Flooring on silenzio DUO	18	44
7 mm Laminate Flooring on silenzio DUO	18	38
8 mm Laminate Flooring on silenzio DUO	17	43
9 mm Laminate Flooring on silenzio DUO	17	35
10 mm Laminate Flooring on silenzio DUO	18	33
11 mm Laminate Flooring on silenzio DUO	16	43
12 mm Laminate Flooring on silenzio DUO	17	31
6 mm Laminate Flooring on silenzio THERMO	-	-
7 mm Laminate Flooring on silenzio THERMO	18	26
8 mm Laminate Flooring on silenzio THERMO	17	24
9 mm Laminate Flooring on silenzio THERMO	17	24
11 mm Laminate Flooring on silenzio THERMO	16	21



Version	Impact Noise Reduction acc. to ISO 10140-3 ΔL_w in dB	Room Sound Reduction acc. to IHD-W431* in %
EGGER Laminate Flooring aqua+		
8 mm Laminate Flooring aqua+ on silenzio EASY	18	21
8 mm Laminate Flooring aqua+ on silenzio DUO	17	37
8 mm Laminate Flooring aqua+ on silenzio THERMO	17	20
8 mm Laminate Flooring aqua+ with 2,0 mm silenzio (coated)	17	34
EGGER Laminate Flooring (coated)		
7 mm Laminate Flooring with 2,0 mm silenzio (coated)	18	30
8 mm Laminate Flooring with 2,0 mm silenzio (coated)	17	38
11 mm Laminate Flooring with 2,0 mm silenzio (coated)	16	38
EGGER Comfort Flooring		
8 mm Comfort Flooring	16	47
10 mm Comfort Flooring	16	43
EGGER Design Flooring		
5 mm Design Flooring	11	29
5 mm Design Flooring on silenzio DUO	19	43
5 mm Design Flooring full surface gluing	7	60

* 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.

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.

