

Quality Management ISO 9001:2008

Coding: TL NoiseEN
ID2264

Revision: 03

Approved: 13/11/2017

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.

