

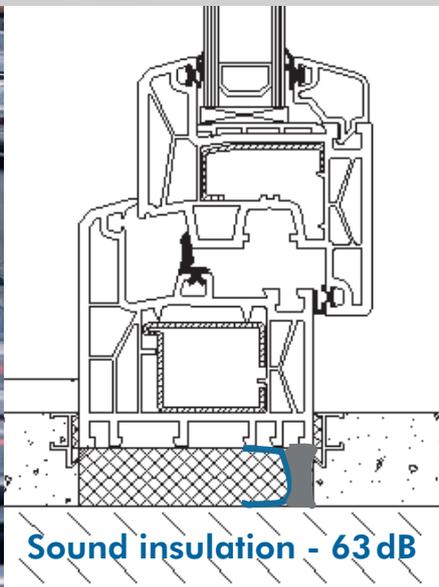
INFORMATION SHEET

ISO-BLOCO ONE

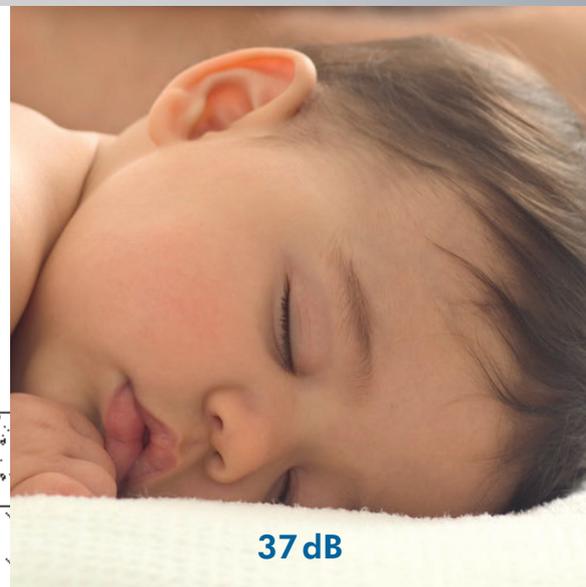
63 dB SOUND INSULATION SYSTEM



100 dB



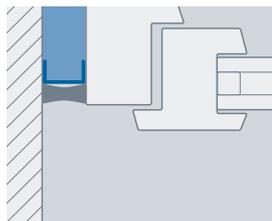
Sound insulation - 63 dB



37 dB

SYSTEM DESCRIPTION

Thanks to the tested sound insulation properties ISO-BLOCO ONE in combination with an acrylic sealant joint applied on the inside, you can achieve a joint sound insulation value of up to 63 dB. ISO-BLOCO ONE with its inner foil membrane acts as an excellent sealant barrier and effectively **prevents 3-sided adhesion**.



Tests by independent institutes have proved that ISO-BLOCO ONE in dimension 64/3 – 18mm achieves an evaluated joint sound insulation value of up to 63 dB (-2; -5) in a non-plastered 18mm joint.

APPLICATION

The decorative finish on the inside of the multi-function joint sealing tape ISO-BLOCO ONE is done using a standard acrylic sealant in accordance with IVD leaflet no. 9. The requirement of the RAL "Installation guide" to design the sound insulation of the connecting joint to 10 dB more than the construction element being installed, means that now even components designed to the highest levels of 53 dB sound insulation can be sealed in line with the requirements when using ISO-BLOCO ONE with the acrylic finish.

Technical data	Standard	Classification
Evaluated joint sound insulation value ISO-BLOCO ONE with acrylic sealant on the inside	DIN EN ISO 10140-1	≤ 63 (-2;-5) dB
Impermeable to driving rain	DIN EN 1027	≥ 1,050 Pa
Air permeability coefficient / Airtightness	DIN EN 12114	$\alpha = 0.00 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^{2/3}]^{***}$
Classification according to	DIN 18542:2009	BG 1 and BGR

*** no measurable air penetration according to DIN EN 12114.



The details and information given in this literature are based on best current knowledge. They are intended to serve as general information only and it is advised that the user conducts their own tests for their specific set of conditions to determine the suitability of the product for its proposed use. No warranty or liability is given or implied regarding any part of these instructions or details, or the completeness of the information. We reserve the right to modify, or change, the specifications and information without advance notification. All goods are supplied subject to our standard conditions of sales, copies of which are available upon request.