

CERTIFICATO DI PROVA DI **THERMOACUSTIC** ISOLAMENTO ACUSTICO SU FESSURA LINEARE

Il seguente certificato di prova emesso da IFT ROSENHEIM, istituto tedesco per la ricerca e certificazione dei serramenti riporta l'esito della misura del potere fonoisolante di una fessura lineare che riproduce l'intercapedine tra serramento e telaio.

Il valore di isolamento acustico rilevato può essere usato per confrontare l'efficienza acustica di diversi sistemi di sigillatura.

Inoltre con tale valore è possibile inoltre la "progettazione acustica" degli edifici a partire dalle prestazioni di singoli componenti, secondo la norma *UNI EN 12354- 3* Valutazioni delle prestazioni acustiche di edifici a partire dalle prestazioni di prodotti - Isolamento acustico contro il rumore proveniente dall'esterno per via aerea.

mungo® Italia
www.mungo.it



Evidence of Performance

Joint sound reduction of filling material

Test report 167 35158e U*)



Client **Mungo Italia S.r.l.**
Via Austria 17

35127 Padova
Italy

Product	1-K foam
Product labelling	Schiuma Poliuretanic per serramenti
Density	19 g/l
Special features	-/-

Foundation

ift guideline SC-01 „Determination of sound reduction index of joints“ 2002

*) This test report is a rewritten version of Test Report No. 167 33880 e of 27. July 2007, changes being the client and his product name of the tested specimen.

The manufacturer is registered in the ift under No. 8005829.

Representation



Instruction for use

This procedure is suited for comparison of building products to seal (e.g. Sealings, fillers for joints and fugues). The results can be used to estimate the transmission factor τ_a according to EN 12354-3 Annex B.

The calculation of joint sound reduction to calculate a total construction cannot replace a classification for complete building elements..

Validity

The values given in this test report are only valid for the tested specimen described.

Testing the sound insulation does not allow any statement to be made on further characteristics of the present structure regarding performance and quality.

Notes on publication

Regulations for the use of test reports are given in the enclosed information sheet „Conditions and notes for use of ift test documents“.

This page can be used as short version.

Contents

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- 1 Test specimen
 - 2 Test procedure
 - 3 Test results
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- Data sheet (2 pages)

Weighted joint sound reduction index $R_{ST,w}$
Spectrum adaptation terms C and C_{tr}



10 mm: $R_{ST,w} (C; C_{tr}) = 61 (-1; -4) \text{ dB}$

20 mm: $R_{ST,w} (C; C_{tr}) = 61 (-1; -4) \text{ dB}$

Determined for 10 and 20 mm width of joint

ift Rosenheim
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