

Number	19-004939-PR01 (NW 01-K08-04-en-01)
Owner	tremco illbruck GmbH Werk Bodenwöhr Werner-Haapp-Str. 1 92439 Bodenwöhr Germany
Product	pre-compressed sealing tape
Designation	TP 654
Details	Material polyurethane foam, impregnated; joint length 1200 mm; joint width 8 mm; joint depth 77 mm; dimensions of sealing tape 77/6-15; joint cover variant i: plastered on one side and sealed with SP 525 on the other side, variant ii: sealed on one side, variant iii: open on both sides; compression rate 27 %
Special features	Mounting into a joint testing setup, simulating the geometry of a window joint

Result

Weighted sound reduction index of joints $R_{S,w}$ and Spectrum adaptation terms C and C_{tr} according to EN ISO 10140-1: 2016, EN ISO 717-1: 2013-03
variant i: plastered on one side and sealed on the other side



$$R_{S,w} (C; C_{tr}) = 60 (-1; -3) \text{ dB}$$

variant ii: sealed on one side

$$R_{S,w} (C; C_{tr}) = 57 (-1; -2) \text{ dB}$$

variant iii: unplastered, open on both sides

$$R_{S,w} (C; C_{tr}) = 56 (-1; -2) \text{ dB}$$

tested with a joint width of 8 mm

Basis *)

EN ISO 10140-1: 2016
EN ISO 10140-2: 2010
EN ISO 717-1: 2013

*) and corresponding national versions (e.g. DIN EN)

Test report: 19-004939-PR01 PB 01-K08-04-de-01, dated 11.02.2020

Representation



Instructions for use

This procedure is suitable for the comparison of construction products designed for sealing (e.g. gaskets/seals, fillers for joints). The results can be used to evaluate the sound power ratio τ_e according to EN ISO 12354-3 Annex B. Using the calculated sound reduction of the joint for the calculation of the overall sound reduction is not a substitute for the sound reduction verification of the overall construction.

Validity

The data and results given relate solely to the tested and described specimen.

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

Notes on publication

The ift Guidance Sheet "Conditions and Guidance for the Use of ift Test Documents" applies.

ift Rosenheim
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Identity-Check



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