



Prüfzentrum für Bauelemente

Dipl.-Ing. (FH) Rüdiger Müller

Fenster • windows
Rollläden • shutters
Türen + Tore • doors
Fassaden • curtain walling
Baubeschläge • building hardware

Version 1.en

SHORT REPORT NO. 17/10-A462-K2

Laboratory measurement of airborne sound insulation of building elements according to DIN EN ISO 10140-2 : 2010 and rating of the measurement results according to DIN EN ISO 717-1: 2013-06

Applicant	Moralt AG Obere Tiefenbachstr.1 83734 Hausham
Type	Single leaf and double leaf doorsets, each panelled or glazed, with/without fanlight and/or glazed side panel, hung into wood block frame, optionally into wood wraparound frame or steel frame; for details see Attachment
Maximum sizes W x H [m]	1.375 x 3.0 (single leaf) 2.125 x 3.5 (single leaf incl. side panel and fan light) 2.5 x 3.0 (double leaf) 2.5 x 3.5 (double leaf incl. side panel and fan light)
Product designation	Moralt InDoor LAMINESSE FireSmoke 44 mm / 54 mm
Gaskets	see Attachment 1 of 1, hollow section sealing made of silicone, TPE, EPDM, etc.
Hardware	at least two adjustable 3-D hinges with corresponding frame elements
Test basis	Expert's report No. 17/10-A462-G1 dated 02.11.2017
Result	 The weighted sound reduction index $R_{w,P}$ of the respective type of doorset provided with the PfB endorsement, is listed in the attached overview and valid only together with this Cover Sheet.
Note	The results are applicable to doorsets with engaged latchbolt up to a door leaf height of 2.375 m; doorsets exceeding 2.375 m in height shall be locked.
Attachment	Overview of possible design variants
Validity	Valid for the period of validity of the above standards


Dipl.-Ing. Matthias Demmel
Head of Notified Test Body



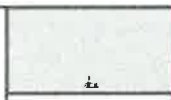
Stephanskirchen
02.11.2017


Dipl.-Ing.(FH) Michael Ewald
Responsible Official

Short report No. 17/10-A462-K2 dated 02.11.2017
 Moralt AG; 83734 Hausham





								
LAMINESSE FireSmoke 44mm / 54mm	einflügelig	einflügelig + LA	einflügelig + ST	einflügelig +ST+OL	zweiflügelig	zweiflügelig + ST	zweiflügelig + ST+OL	
	R _{wp} 32dB R _{wp} 35 dB ³⁾	R _{wp} 37 dB ²⁾	R _{wp} 32 dB ¹⁾ R _{wp} 35 dB ¹⁾³⁾	R _{wp} 32 dB ²⁾ R _{wp} 35 dB ²³⁾	R _{wp} 32 dB R _{wp} 35 dB ³⁾	R _{wp} 32 dB ²⁾ R _{wp} 35 dB ^{2 3)}	R _{wp} 32 dB ²⁾ R _{wp} 35 dB ^{2 3)}	
	R _{wp} 36 dB	R _{wp} 37 dB ²⁾	R _{wp} 36 dB ¹⁾	R _{wp} 36 dB ²⁾	R _{wp} 36 dB	R _{wp} 36 dB ²⁾	R _{wp} 36 dB ²⁾	
	R _{wp} 41 dB	R _{wp} 42 dB ²⁾	R _{wp} 41 dB ²⁾	R _{wp} 41 dB ²⁾	R _{wp} 41 dB ²⁾	R _{wp} 41 dB ²⁾	R _{wp} 41 dB ²⁾	
	R _{wp} 42 dB	R _{wp} 42 dB ²⁾	R _{wp} 42 dB ²⁾	R _{wp} 42 dB ²⁾	R _{wp} 42 dB	R _{wp} 42 dB ²⁾	R _{wp} 42 dB ²⁾	
	R _{wp} 42 dB R _{wp} 44 dB ³⁾	R _{wp} 42 dB ²⁾ R _{wp} 44 dB ²⁾³⁾	R _{wp} 42 dB ²⁾ R _{wp} 44 dB ^{2) 3)}	R _{wp} 42 dB ²⁾ R _{wp} 44 dB ^{2) 3)}	R _{wp} 42 dB R _{wp} 44 dB ³⁾	R _{wp} 42 dB ²⁾ R _{wp} 44 dB ^{2) 3)}	R _{wp} 42 dB ²⁾ R _{wp} 44 dB ^{2) 3)}	

¹⁾ Glas 37 dB
²⁾ Glas 45 dB

³⁾ LAMINESSE FireSmoke Akustik 54mm

 Values for rebated doors will be based on the testing experience of **PfB** define as follows: shown values to 37 dB with 2 dB deduction, to 42 dB with 3 dB deduction, to 47 dB with 4 dB deduction.

 Einflügelig = single leaf
 Zweiflügelig = double leaf

 ST = side panel
 OT = fanlight