FusionPartitions

Acoustic Performance

to BS EN ISO 10140-2: 2010

Document No. CGD-AP11

Contempo '54S'

54mm Rebated Aluminium Framed Double Glazed Door

This is to advise that a aluminium frame double glazed door fitted with acoustic safety glass, 600mm cranked 'D' handles, twin seals and a drop down threshold seal installed in a Fusion aluminium doorframe is the same as the evidence contained in The Building Test Centre Report BTC 19599C (available on request), and summarised on page 2 has been tested in accordance with BS EN ISO 10140-2 for measurement of airborne sound insulation of building elements and that the resulting Rw measurements are derived from BS EN ISO 717-1: 2013.

Weighted Sound Reduction Index 100 - 3150 Hz

R_W 46dB

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Acoustic Performance
to BS EN ISO 10140-2: 2010

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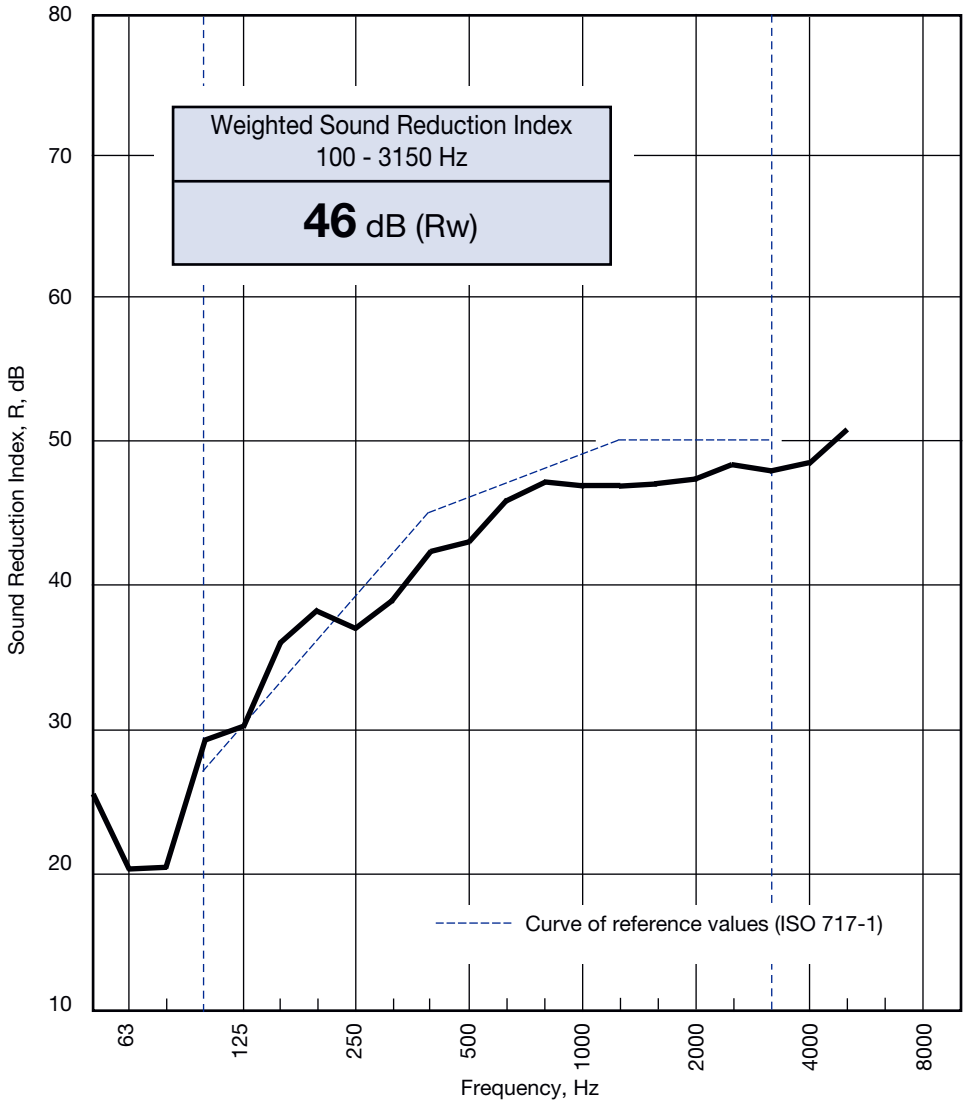
Contempo '54S'
54mm Rebated Aluminium Framed Double Glazed Door
with Acoustic Safety Glass & Cranked 'D' Handles
Summary of Results

Test Report:
BTC 19599CA
Test Date:
28 September 2016

Freq. Hz	R dB
50	25.8
63	20.3
80	20.4
100	29.4
125	30.1
160	36.1
200	38.3
250	37.0
315	39.1
400	42.3
500	44.0
630	46.3
800	47.2
1000	47.0
1250	47.0
1600	47.2
2000	47.4
2500	48.4
3125	48.0
4000	48.6
5000	50.8
6300	
8000	
10000	



The above data must be read in conjunction with the test summary description given overleaf. The information given is an extract of the test report supplied by The Building Test Centre, East Leake, Loughborough. BTC is a UKAS approved test laboratory.

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