



## Acoustic Performance to BS EN ISO 10140-2: 2010

**Document No. CDG-AP22**

### F10-100mm Partitioning System Double Glazed Screen Mullion Free

This is to advise that the double glazed construction combination of the above partitioning system installed with vertical glass to glass dry joints as detailed in The Building Test Centre Report BTC 19899AA (available on request) and summarised on page 2 has been tested in accordance with BS EN ISO 10140-2:2010 for measurements of airborne sound insulation of building elements and that the resulting  $R_w$  measurements are derived from BS EN ISO 717/1;2013.

10mm Toughened Safety Glass  
and  
12mm Toughened Safety Glass

**$R_w$  48dB**

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# Acoustic Performance

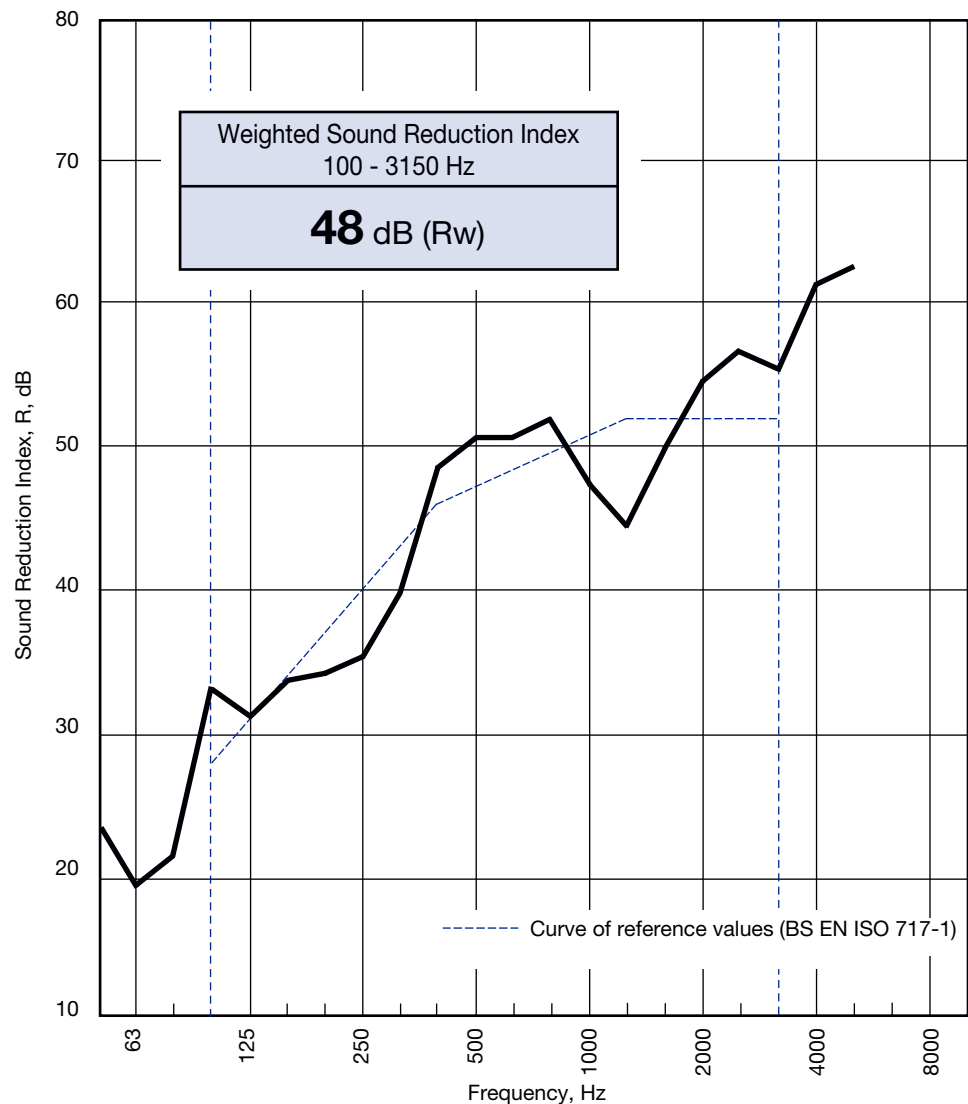
to BS EN ISO 10140-2: 2010

## F10-100mm Partitioning System

Double Glazed Screen with  
10mm Toughened & 12mm Toughened Safety Glass  
Summary of Results

Test Report:
BTC 19899AA
Test Date:
14 March 2017

Freq. Hz	R dB
50	23.5
63	19.6
80	21.5
100	33.3
125	31.4
160	33.8
200	34.1
250	35.3
315	39.8
400	48.6
500	50.5
630	50.5
800	51.9
1000	47.4
1250	44.4
1600	49.9
2000	54.4
2500	56.8
3125	55.5
4000	61.3
5000	62.6
6300	
8000	
10000	



The above data must be read in conjunction with the test summary description given on page 1.  
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.