



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

Document No. CSG-AP1

### Frequency Partitioning System Single Glazed Screen

This is to advise that the single glazed construction of the above partitioning system installed with vertical glass to glass dry joints as detailed in The Building Test Centre Report BTC 19243A (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

**$R_w$  34dB**

Unit 6 : I O Centre : Salbrook Road Industrial Estate : Salfords : Surrey : RH1 5GJ

Tel 01293 220970 E-mail [info@fusionpartitions.com](mailto:info@fusionpartitions.com)

# Acoustic Performance

to BS EN ISO 10140-2: 2010

## Frequency Partitioning System

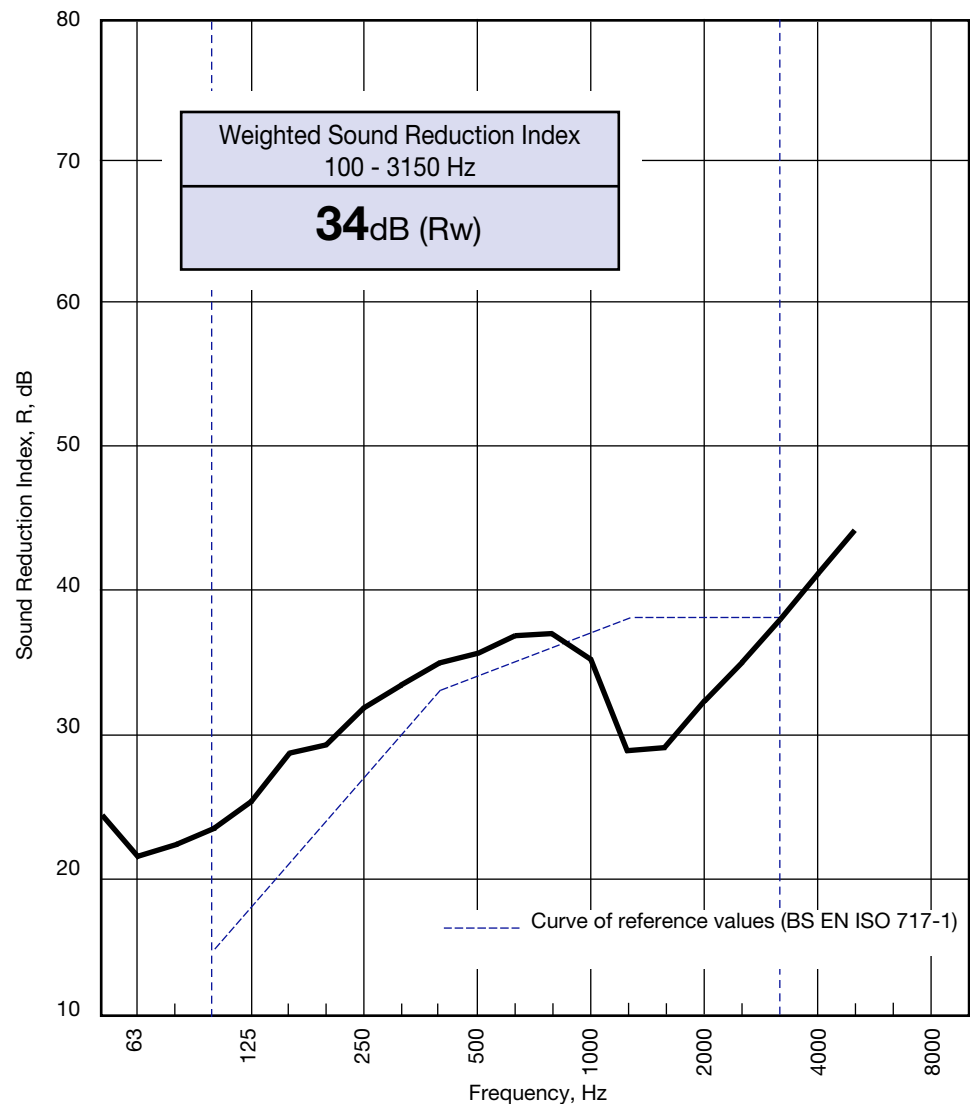
Single Glazed Screen with  
10mm Toughened Safety Glass

### Summary of Results

Test Report:  
BTC 19243AA

Test Date:  
14 September 2015

Freq. Hz	R dB
50	24.6
63	21.3
80	22.3
100	23.7
125	25.6
160	28.9
200	29.2
250	31.9
315	33.4
400	35.0
500	35.8
630	37.0
800	37.2
1000	35.3
1250	28.9
1600	29.2
2000	32.4
2500	35.0
3125	38.0
4000	41.2
5000	44.1
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.