

Core:- 54mm Strebord
Configuration:- Single
Action:- Single Action
Vision Panel:- NA
UKAS Test House :- SRL Technical Services Limited
Certificate Number:- C/21290/R01
Test Number:- 012

Acoustic Rating:- Rw 33dB

Please Note:-

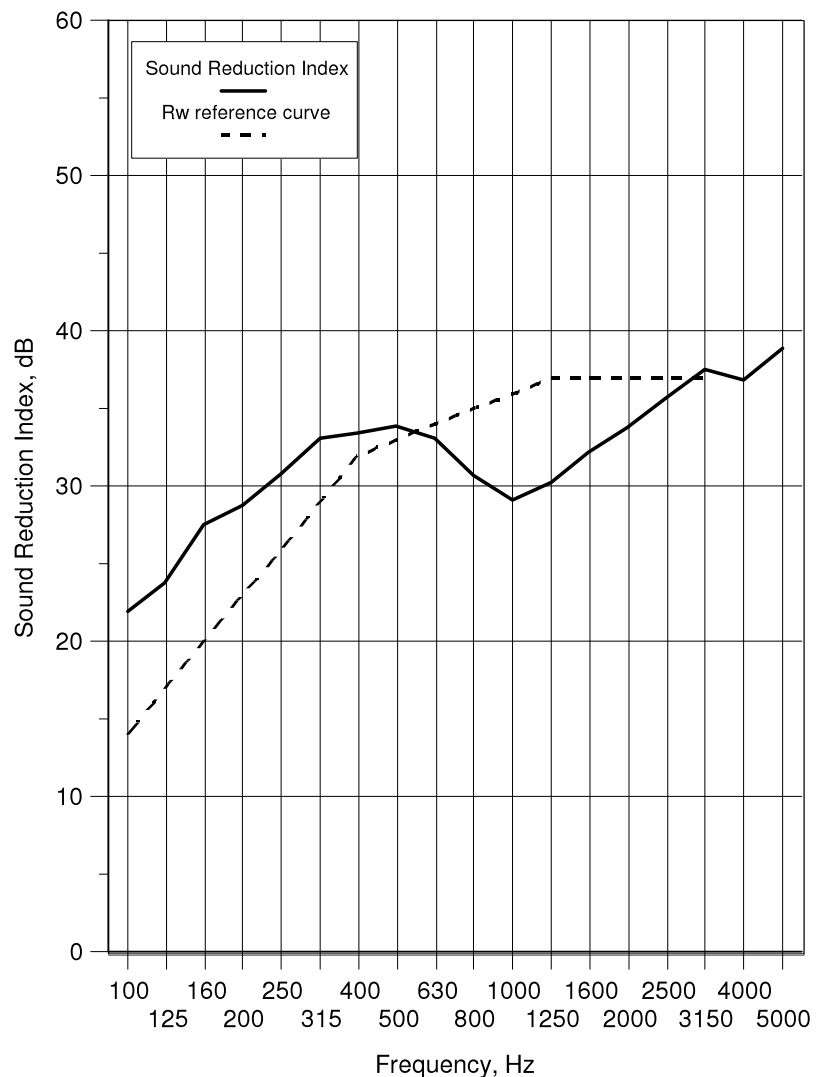
Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.

Above drawings are indicative only

Test Number 12

| | | | |
|------------------------|---------------------------------|------------------------------|------------|
| Test Number : | 12 | Air temperature: | 18.4 °C |
| Client: | Midland Building Products Ltd | Air humidity: | 72 % |
| Test Date: | 09/06/2010 | Receiving room volume | 300 m3 |
| Sample height: | 2.122 m | Source room volume: | 115 m3 |
| Sample width: | 1.01 m | Sample weight: | 31.2 kg/m2 |
| Product | Single Strebord 54mm | | |
| Identification: | FAS 35 perimeter seal | | |
| | FAS 45 automatic drop-down seal | | |

| Freq f Hz | Sound Reduction Index, dB | |
|---------------------|---------------------------|-----------------|
| | 1/3 Oct | 1/1 Oct |
| 50+ | 17.6 | 17.6 |
| 63+ | 17.7 | |
| 80+ | 17.4 | |
| 100 | 22.0 | 23.9 |
| 125 | 23.8 | |
| 160 | 27.5 | |
| 200 | 28.8 | 30.6 |
| 250 | 30.9 | |
| 315 | 33.1 | |
| 400 | 33.5 | 33.5 |
| 500 | 33.9 | |
| 630 | 33.1 | |
| 800 | 30.7 | 30.0 |
| 1000 | 29.1 | |
| 1250 | 30.3 | |
| 1600 | 32.2 | 33.7 |
| 2000 | 33.8 | |
| 2500 | 35.7 | |
| 3150 | 37.5 | 37.7 |
| 4000 | 36.9 | |
| 5000 | 38.9 | |
| 6300+ | 41.2 | 42.3 |
| 8000+ | 42.3 | |
| 10000+ | 43.8 * | |
| Average 100-3150 | 31.0 | Version v1.7 |



Rating according to BS EN ISO 717-1:1997
 Rw(C;Ctr)= **33 (-1;-2) dB**

* shows measurement corrected for background
 # shows limit of measurement due to background
 + shows frequency beyond standard and not UKAS accredited