

Core:- 44mm CF625 Premcor
Configuration:- Single
Action:- Single Action
Vision Panel:- 7mm Glass
UKAS Test House :- SRL Technical Services Limited
Certificate Number:- C/22478/T01
Test Number:- 031

Acoustic Rating:- Rw 33dB

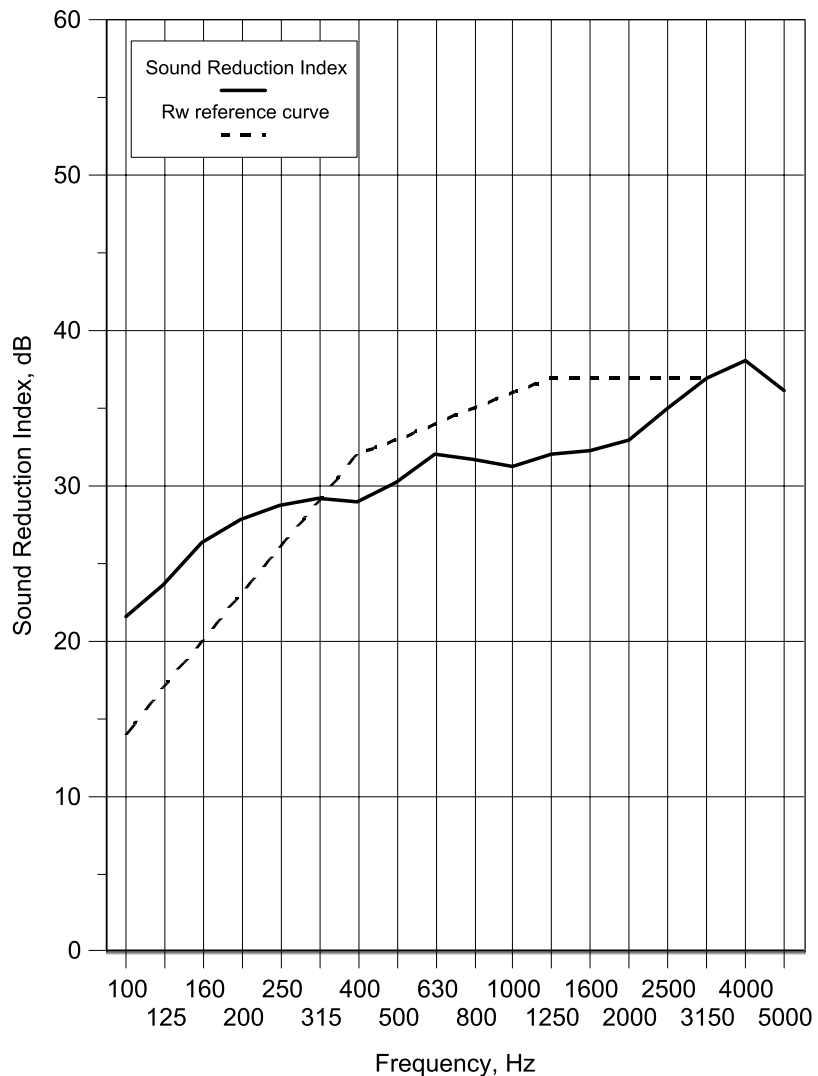
Please Note:-

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.
Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.

Above drawings are indicative only

| | | | | |
|------------------------|---|-------------------------|---------------|------------------|
| Test Number : | 31 | Test Room: | Source | Receiving |
| Client: | Midland Building Products | Air temperature: | 15.6 °C | 15.6 °C |
| Test Date: | 24/04/2013 | Air humidity: | 61 % | 61 % |
| Sample height: | 2.1 m | Volume: | 115 m3 | 300 m3 |
| Sample width: | 1.002 m | | | |
| Sample weight: | 25.892 kg/m2 | Air Pressure: | 1014 mbar | |
| Product | Single 44mm Premcore Light CF625. Glazing=7mm Pyroguard | | | |
| Identification: | Perimeter seal=FAS PER 35 Threshold seal=Ram seal | | | |

| Freq f Hz | Sound Reduction Index, dB | |
|---------------------|---------------------------|-----------------|
| | 1/3 Oct | 1/1 Oct |
| 50+ | 22.7 | 20.2 |
| 63+ | 19.8 | |
| 80+ | 18.9 | |
| 100 | 21.6 | 23.5 |
| 125 | 23.6 | |
| 160 | 26.4 | |
| 200 | 27.8 | 28.5 |
| 250 | 28.8 | |
| 315 | 29.2 | |
| 400 | 29.0 | 30.3 |
| 500 | 30.2 | |
| 630 | 32.1 | |
| 800 | 31.7 | 31.7 |
| 1000 | 31.3 | |
| 1250 | 32.0 | |
| 1600 | 32.3 | 33.3 |
| 2000 | 33.0 | |
| 2500 | 35.0 | |
| 3150 | 37.0 | 37.0 |
| 4000 | 38.1 | |
| 5000 | 36.1 | |
| 6300+ | 38.5 | 37.8 |
| 8000+ | 38.3 | |
| 10000+ | 36.7 | |
| Average 100-3150 | 30.1 | Version v2.0 |



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **33 (-1;-2) dB**

* shows measurement corrected for background

+ shows frequency beyond standard and not UKAS accredited