

**Core:- 44mm CF240 Premdor High Density**  
**Configuration:- Single**  
**Action:- Single Action**  
**Vision Panel:- 7mm Glass**  
**UKAS Test House :- SRL Technical Services Limited**  
**Certificate Number:- C/21290/R01**  
**Test Number:- 007**

**Acoustic Rating:- Rw 33dB**

**Please Note:-**

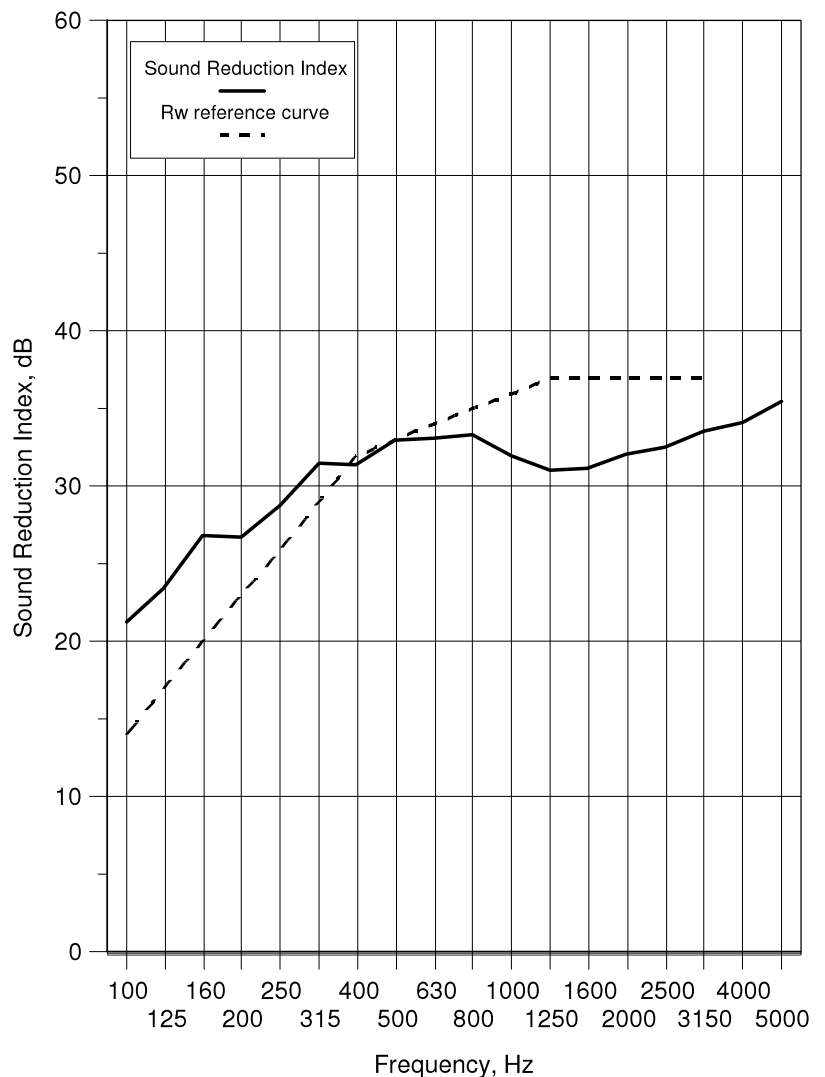
**Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.**  
**Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.**

**Above drawings are indicative only**

## Test Number 7

<b>Test Number :</b>	7	<b>Air temperature:</b>	17.8 °C
<b>Client:</b>	Midland Building Products Ltd	<b>Air humidity:</b>	70 %
<b>Test Date:</b>	09/06/2010	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	2.122 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	1.01 m	<b>Sample weight:</b>	22.1 kg/m2
<b>Product</b>	Single Premdor 44mm, 25% 7mm Pyroshield 2		
<b>Identification:</b>	FAS 35 perimeter seal		
	FAS 45 automatic drop-down seal		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	24.7	20.6
63+	21.6	
80+	18.0	
100	21.3	23.3
125	23.5	
160	26.9	
200	26.8	28.6
250	28.8	
315	31.5	
400	31.4	32.4
500	33.0	
630	33.1	
800	33.4	32.1
1000	32.0	
1250	31.1	
1600	31.2	31.9
2000	32.1	
2500	32.6	
3150	33.6	34.3
4000	34.1	
5000	35.5	
6300+	38.3	39.3
8000+	39.2	
10000+	40.6 *	
Average 100-3150	30.1	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