

**Core:- 44mm CF240 High Density Core**  
**Configuration:- Pair**  
**Action:- Single Action**  
**Vision Panel:- 7mm Glass**  
**UKAS Test House :- SRL Technical Services Limited**  
**Certificate Number:- C/21290/R01**  
**Test Number:- 027**

**Acoustic Rating:- Rw 33dB**

**Please Note:-**

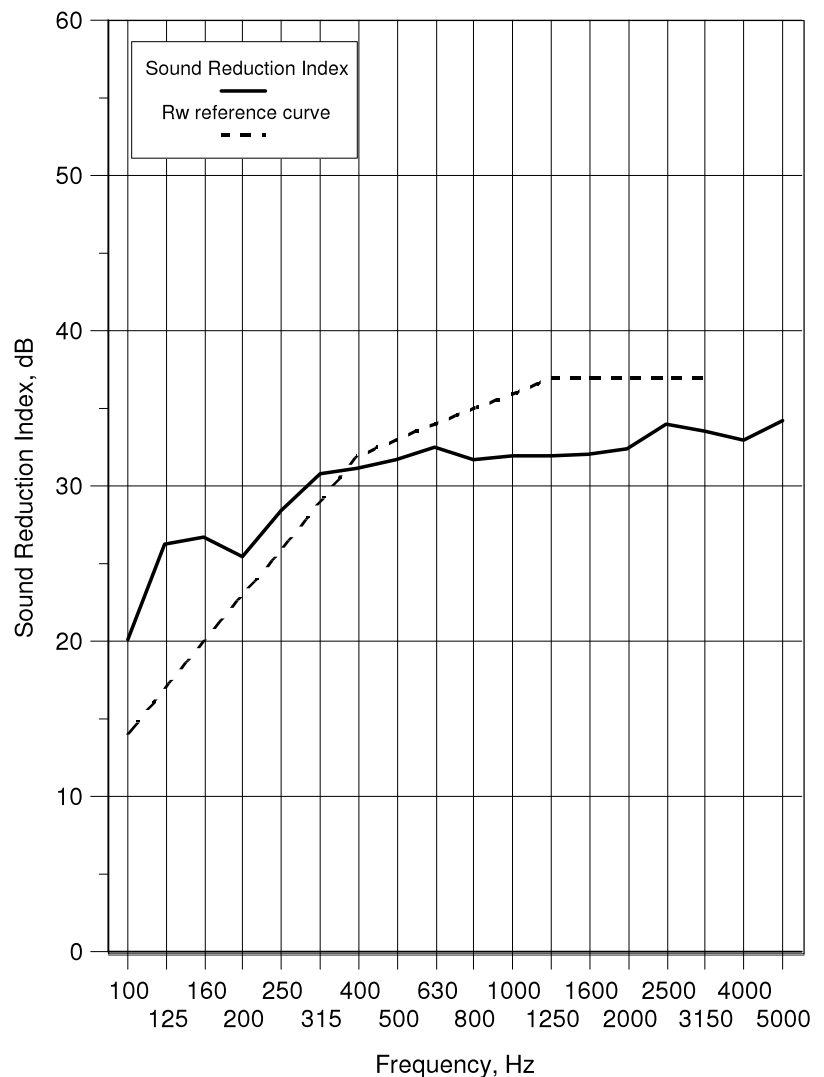
**Drawings are for indication of acoustic's only not fire, the correct configuration of fire seals must be added to achieve the required fire rating for the core.  
Vision Panel Area to be minimum area of 8% of the door & maximum of 25% of the door.**

**Above drawings are indicative only**

## Test Number 27

<b>Test Number :</b>	27	<b>Air temperature:</b>	19 °C
<b>Client:</b>	Midland Building Products Ltd	<b>Air humidity:</b>	66 %
<b>Test Date:</b>	12/08/2010	<b>Receiving room volume</b>	300 m3
<b>Sample height:</b>	1.975 m	<b>Source room volume:</b>	115 m3
<b>Sample width:</b>	0.886 m	<b>Sample weight:</b>	23.3 kg/m2
<b>Product</b>	Pair Premdor 44mm, 25% 7mm Pyroguard		
<b>Identification:</b>	FAS 35 perimeter seal		
	FAS 45 Automatic drop-down seal		
	FAS Single action meeting stile seal		

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	20.7	20.1
63+	24.2	
80+	17.8	
100	20.2	23.3
125	26.3	
160	26.8	
200	25.5	27.8
250	28.5	
315	30.8	
400	31.2	31.8
500	31.8	
630	32.6	
800	31.8	32.0
1000	32.0	
1250	32.0	
1600	32.1	32.8
2000	32.4	
2500	34.0	
3150	33.6	33.6
4000	33.0	
5000	34.3	
6300+	37.7	39.1
8000+	39.2	
10000+	40.9	
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