

FORZA REFERENCE
SGFS54.40A60GS

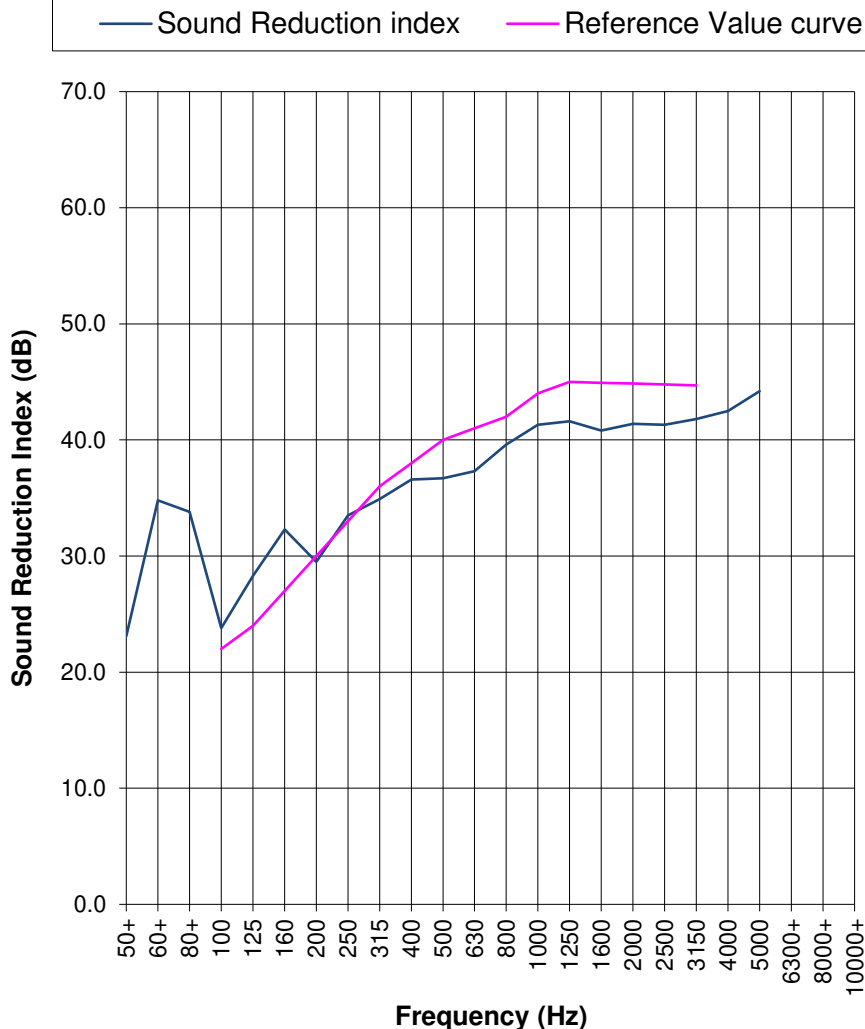


Rating according to BS EN ISO 717-1:2013

Rw(C:Ctr)= 40 (-1:-3) dB

Test Number:	15/12/-A511-P9-M3	Air Temperature (°C):	19.7
Testcentre/Client:	FORZA	Air Humidity (%):	28.2
Test Date:	04/12/2015	Receiving room Volume (m³):	63
Area test sample m2	2.13	Source Room volume (m3):	
		Sample weight (kg/m²):	
Product:	54mm Moralt Firesound core in a timber frame		
Identification:	Seals: Head and jambs - ST1009 / 2no. 15 x 4		
	Threshold ST442		
	VP - 16mm laminated fire glass (2B2) / Closed cell foam		

Frequency f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	23.1	27.3
60+	34.8	
80+	33.8	
100	23.8	26.8
125	28.3	
160	32.3	
200	29.5	32.0
250	33.5	
315	34.9	
400	36.6	36.9
500	36.7	
630	37.3	
800	39.6	40.7
1000	41.3	
1250	41.6	
1600	40.8	41.2
2000	41.4	
2500	41.3	
3150	41.8	42.7
4000	42.5	
5000	44.2	
6300+		
8000+		
10000+		
Average 100-3150		



Notes	+ designates frequency beyond standard and not UKAS accredited
	*designated measurement corrected for background