

IMOLA SINGLE GLAZED

16.8mm Guardian Acoustic

FORZA

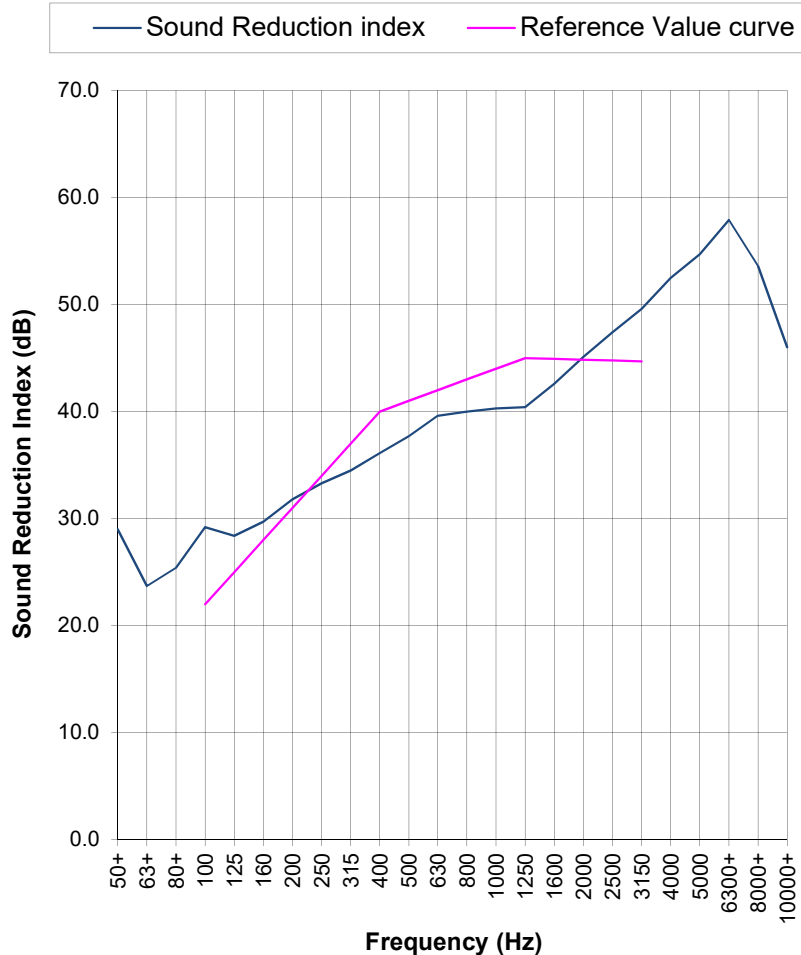
DEFINING DOORS

Rating according to BS EN ISO 717-1:1997

Rw(C:Ctr)= 41 (-1;-3) dB

Test Number:	26	Air Temperature (°C):	16.4/16.1
Testcentre/Client:	forza	Air Humidity (%):	66/68
Test Date:	15/09/2015	Receiving room Volume (m³):	300
Sample height (m):	2.19	Source Room volume (m³):	115
Sample width (m):	1.99	Sample weight (kg/m²):	45
Product:	Imola Timber / MDF Frame Partition System		
Identification:	Head and perimeter track M01. Base track M10. Beads MC11		
	Mullion M22		
	Glazing Gaskets: STGT9A / STGT9W		

Frequency f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	29.0	25.5
63+	23.7	
80+	25.4	
100	29.2	29.1
125	28.4	
160	29.7	
200	31.8	33.0
250	33.3	
315	34.5	
400	36.1	37.6
500	37.7	
630	39.6	
800	40.0	40.2
1000	40.3	
1250	40.4	
1600	42.6	44.6
2000	45.1	
2500	47.4	
3150	49.6	51.8
4000	52.5	
5000	54.7	
6300+	57.9	49.8
8000+	53.6	
10000+	46.0	
Average 100-3150	37.9	#



Notes	+ designates frequency beyond standard and not UKAS accredited
	# designated measurement corrected for background (dB at 10000+ Hz)
	ST99 Intumescent / Acoustic foam applied between frame and supporting construction wall.