

IMOLA DOUBLE GLAZED

12mm toughened & 16mm Pyrobel

FORZA

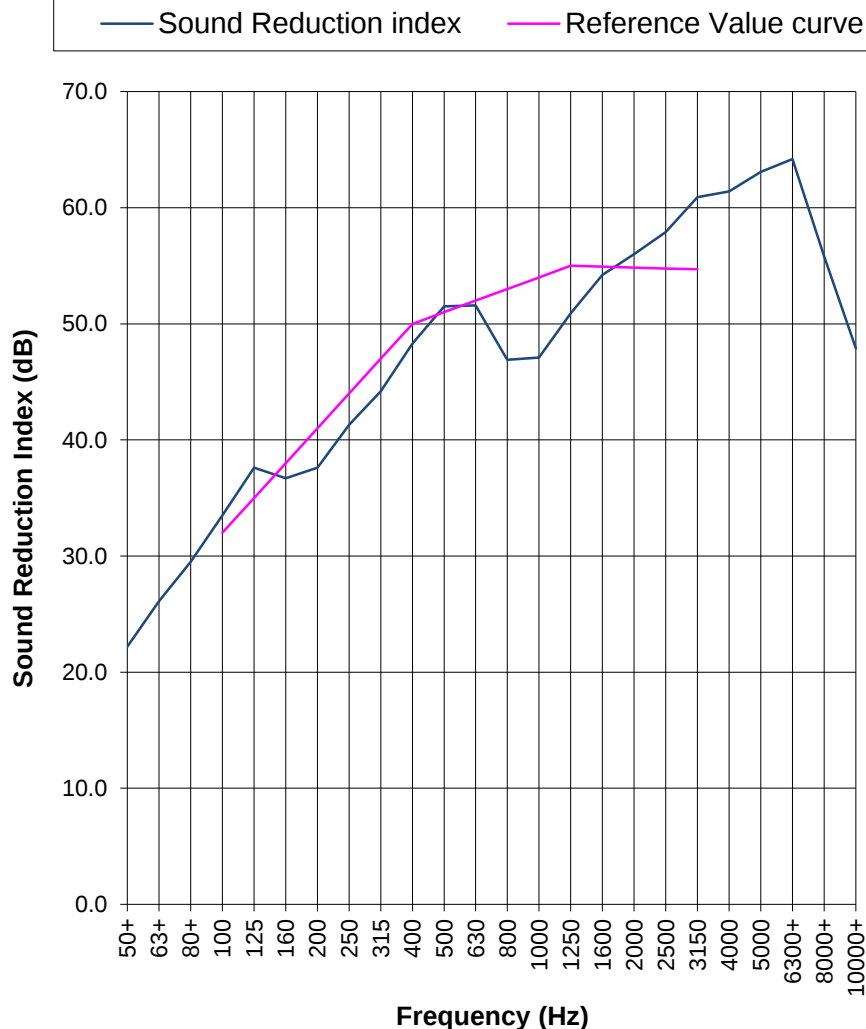
DEFINING DOORS

Rating according to BS EN ISO 717-1:1997

Rw(C:Ctr)= 51 (-2;-5) dB

Test Number:	20	Air Temperature (°C):	S11.4/R12.5
Testcentre/Client:	forza	Air Humidity (%):	S76/R68
Test Date:	25/2/2015	Receiving room Volume (m³):	300
Sample height (m):	2.19	Source Room volume (m³):	115
Sample width (m):	1.99	Sample weight (kg/m²):	75
Product:	Imola Timber /Mdf Frame partition System		
Identification:	Head and perimeter track M 01. Base track M10 . Beads M04 & MU12.		
	Mullion M22		
	Glazing Gaskets: Toughened STGT9A / STGT9W. Pyrobel ccf/ccf		

Frequency f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	22.2	25.0
63+	26.1	
80+	29.5	
100	33.5	35.6
125	37.6	
160	36.7	
200	37.6	40.2
250	41.3	
315	44.2	
400	48.3	50.2
500	51.5	
630	51.6	
800	46.9	48.0
1000	47.1	
1250	50.9	
1600	54.2	55.7
2000	56.0	
2500	57.9	
3150	60.9	61.7
4000	61.4	
5000	63.1	
6300+	64.2	52.0
8000+	55.8	
10000+	47.9	
Average 100-3150	47.3	#



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 .