

PERFORMANCE CERTIFICATE

DATE 13.06.2023

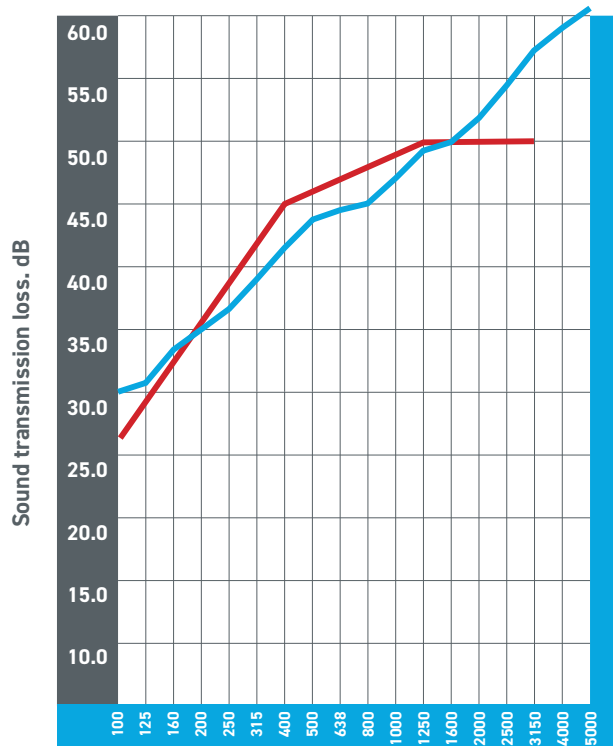


Performance Criteria:	Sound Insulation
Applicable Standards:	BS EN ISO 10140-2: 2010; ISO 717-1:1996
System:	i Wall 60 - Frameless
Configuration:	12.8mm Acoustic Laminate + 12.8mm Acoustic Laminate
Description:	Double glazed screen comprising multiple modules of 12.8mm acoustic laminate on one face and 12.8mm acoustic laminate on the other, installed into aluminium track sections with glass sealed into tracks with glazing gaskets and between panels with i Wall clear dry joints
Assessment Date:	13/6/2023
Test Specimen Area:	5.56m ²

Assessment Data

Sound Insulation Information: Glazing scheme: 12.8mm acoustic laminate/18mm cavity/12.8mm acoustic laminate

Frequency (Hz)	SRI,dB	Octave band SRI
100	30.0	
125	31.0	31
160	33.0	
200	35.0	
250	37.0	37
315	39.0	
400	41.0	
500	43.0	43
630	44.0	
800	45.0	
1000	47.0	47
1250	49.0	
1600	50.0	
2000	52.0	53
2500	54.0	
3150	57.0	
4000	59.0	59
5000	61.0	



Centre Frequency of third octave Band. Hz

SRI, dB ——— Reference Standards:
SRI Contour ——— BS EN ISO 10140-2: 2010, ISO 717-1: 1996

Key Sound Insulation: $RW_{(100-3150Hz)} = 46dB$; $C = -1$; $Ctr = -4$

Acoustic performance assessed by The Cliff Inman Consultancy, derived from data sourced from certified test-houses

Octave Band

Weighted Sound Reduction Index

$Rw(C;Ctr) 46(-1;-4) dB$

Issued By: Oliver Bond
Position: Design Director

iWall⁶⁰

To validate this certified performance the system installation must be carried out in strict accordance with the details summarised in the iWall[®] Designer's Guide and Installer's Guide.