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0444

Test Certificate Number

20094

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Confidential

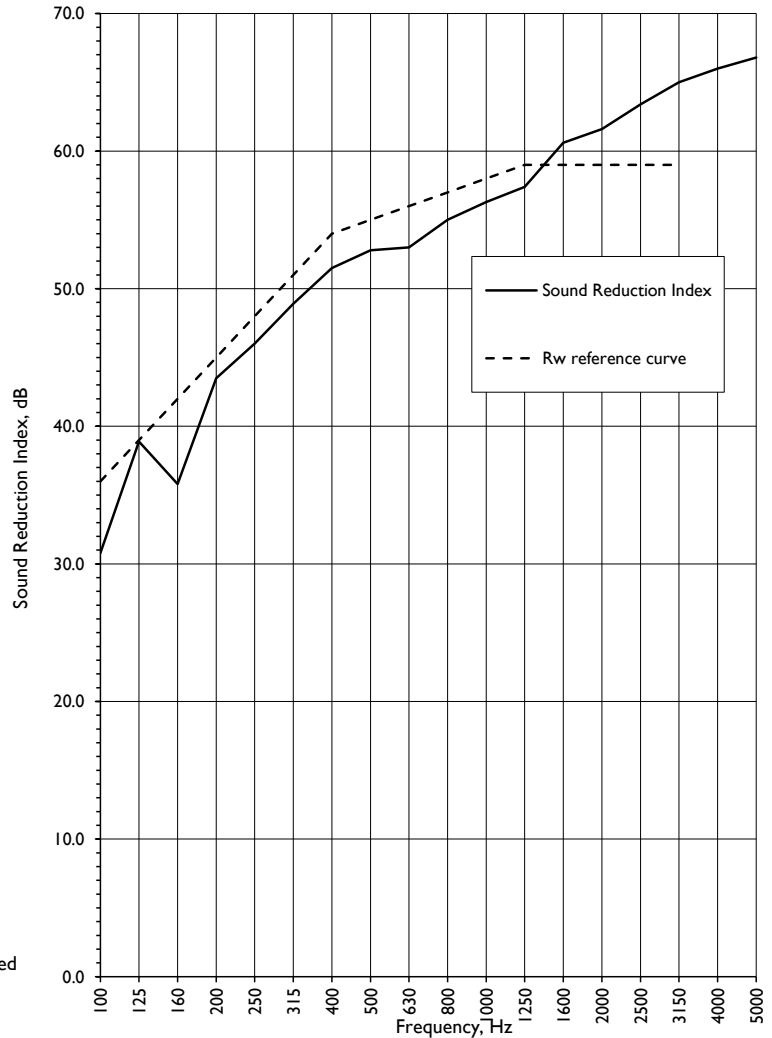
Date: 26 November 2025

See SRL Report 82834-SRL-RP-XT-007-PI for full details
Laboratory Measurement of Sound Reduction Index to BS EN ISO 10140-2:2021

Test Number:	50	Test Room:	Source	Receiving
Client:	Siderise (Special Products) Ltd	Air Temperature:	21.8 °C	21.8 °C
Test Date:	03/07/2025	Air Humidity:	67 %	67 %
Sample Height:	2.00 m	Volume:	60.5 m ³	48.7 m ³
Sample Width:	0.30 m	Air Pressure:	1022 mbar	
Sample Weight:	106.3 kg/m ²			

Product Identification: Siderise FIP 50mm void Siderise FIP

Frequency Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	35.5	30.6
63+	30.9	
80+	28.2	
100	30.8	33.9
125	38.9	
160	35.8	
200	43.5	45.6
250	46.0	
315	48.9	
400	51.5	52.4
500	52.8	
630	53.0	
800	55.0	56.1
1000	56.3	
1250	57.4	
1600	60.6	61.7
2000	61.6	
2500	63.4	
3150	65.0	65.9
4000	66.0	
5000	66.8 *	
6300+	67.2 *	66.8
8000+	68.4 >	
10000+	65.4 >	
Average 100-3150	51.3	SRL Version 3



* shows measurement corrected for background
> shows measurement limited by background
+ shows Frequency beyond standard and not UKAS accredited

Rating according to BS EN ISO 717-1:2020
R_w(C;C_{tr})= 55 (-2;-8) dB
Rating according to ASTM E413-22 based on measurements to BS EN ISO 10140-2:2021
STC = 55 (Not UKAS accredited)

Kieron Farrow

Kieron Farrow
Tester

This certificate shall not be reproduced, except in full, without written approval of the laboratory. Results relate to the items as received and tested.

Allen Smalls

Allen Smalls
Quality Manager