



# Sound Research Laboratories

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0444

# Test Certificate Number

20087

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Confidential

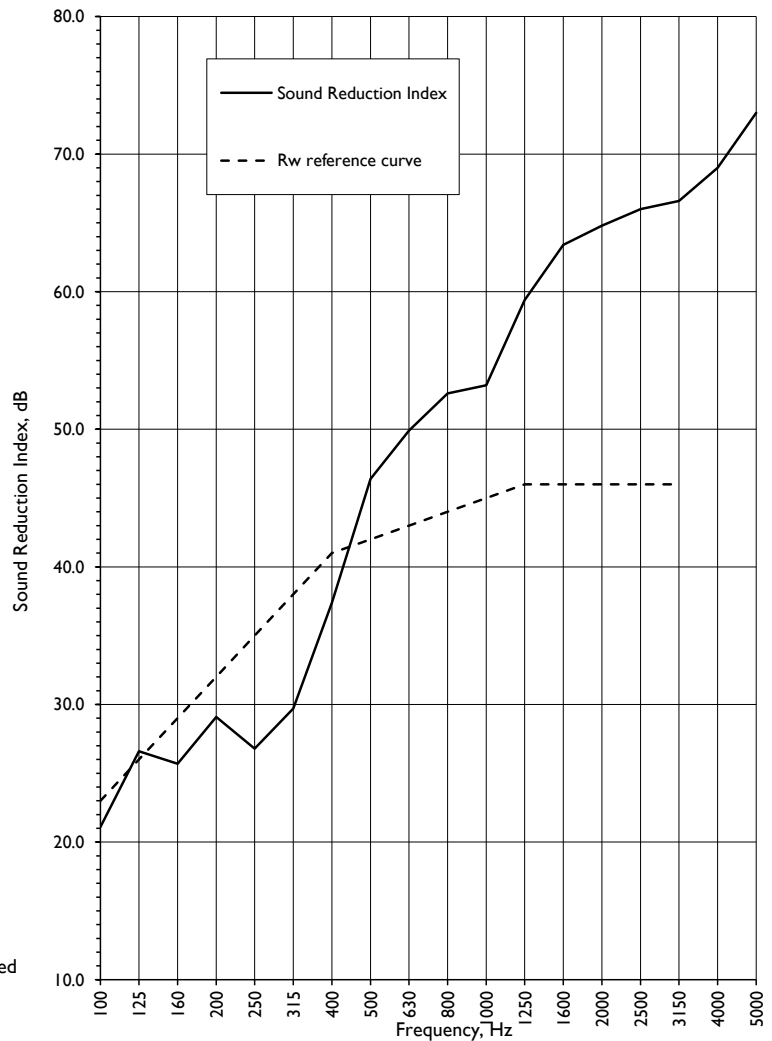
Date: 26 November 2025

See SRL Report 82834-SRL-RP-XT-002-PI for full details  
Laboratory Measurement of Sound Reduction Index to BS EN ISO 10140-2:2021

<b>Test Number:</b>	27	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	Siderise (Special Products) Ltd	<b>Air Temperature:</b>	22.6 °C	22.6 °C
<b>Test Date:</b>	02/07/2025	<b>Air Humidity:</b>	67 %	67 %
<b>Sample Height:</b>	1.01 m	<b>Volume:</b>	60.5 m <sup>3</sup>	50.1 m <sup>3</sup>
<b>Sample Width:</b>	1.21 m	<b>Air Pressure:</b>	1010 mbar	
<b>Sample Weight:</b>	27.7 kg/m <sup>2</sup>			

**Product Identification:** Siderise CVB/80/PI10/100 50mm void Siderise RF 120mm thick

Frequency Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	28.0	21.0
63+	29.8	
80+	16.7	
100	21.1	23.8
125	26.6	
160	25.7	
200	29.1	28.3
250	26.8	
315	29.7	
400	37.4	41.4
500	46.4	
630	49.9	
800	52.6	54.2
1000	53.2	
1250	59.4	
1600	63.4	64.6
2000	64.8	
2500	66.0	
3150	66.6	68.8
4000	69.0	
5000	73.0 *	
6300+	78.5 >	74.3
8000+	75.6 >	
10000+	71.5 >	
Average 100-3150	44.9	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
<b>R<sub>w</sub>(C;C<sub>tr</sub>)= 42 (-2;-7) dB</b>
Rating according to ASTM E413-22 based on measurements to BS EN ISO 10140-2:2021
<b>STC = 42</b> (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