



Sound Research
Laboratories



INVESTORS
IN PEOPLE

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0444

Test Certificate
Number

19928

Page: 1 of 1

Confidential

Date: 02 October 2025

See SRL Report 82834-SRL-RP-XT-001-PI for full details

Laboratory Measurement of Sound Reduction Index to BS EN ISO 10140-2:2021

Test Number: 88
Client: Siderise Ltd
Test Date: 25/09/2025
Sample Height: 1.04 m
Sample Width: 1.24 m
Sample Weight: 10.6 kg/m²

Test Room: Source Receiving
Air Temperature: 15.3 °C 15.3 °C
Air Humidity: 61 % 61 %
Volume: 60.9 m³ 50.1 m³
Air Pressure: 1019 mbar

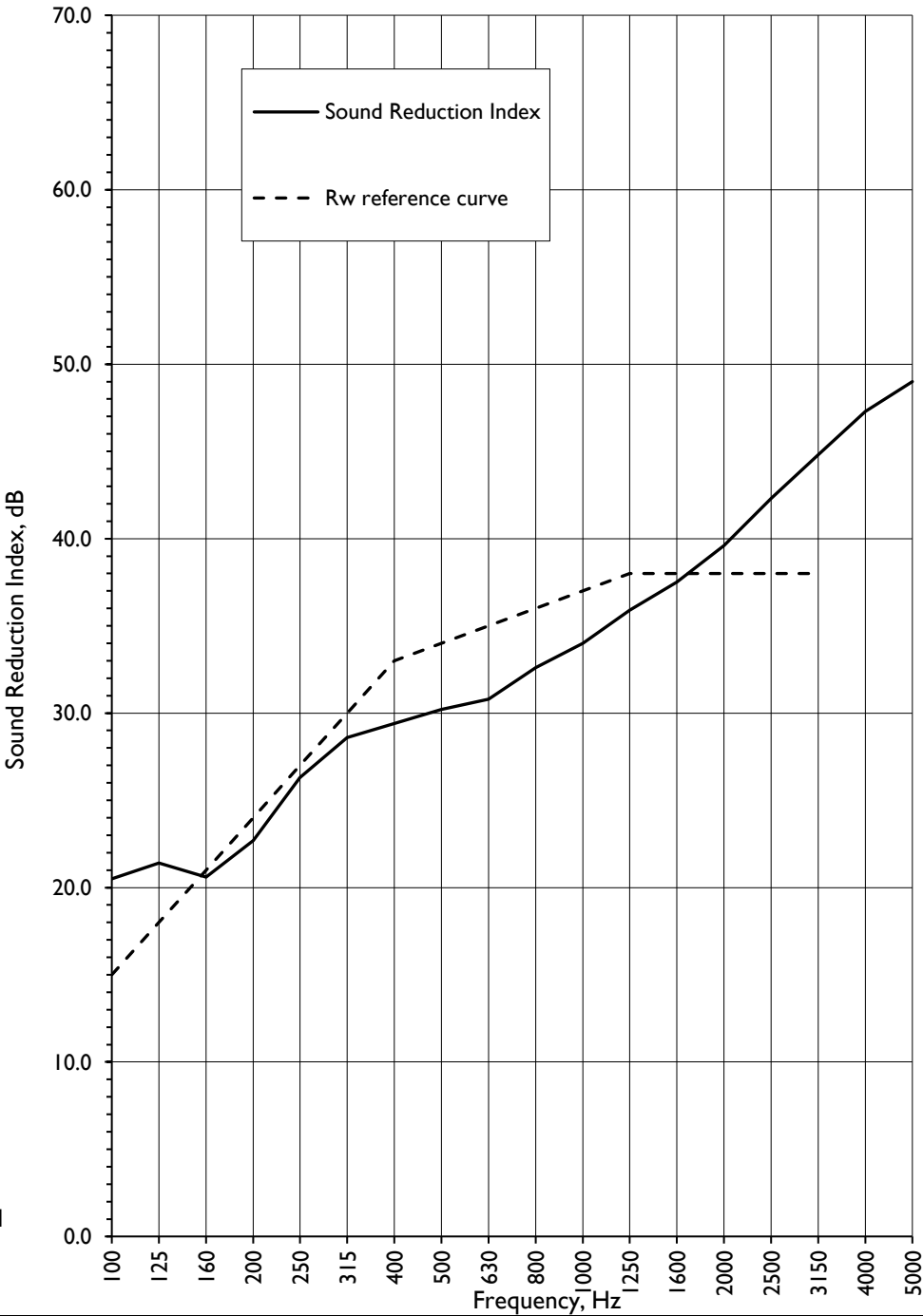
Product
Identification: Siderise CW-AB Acoustic Barrier (AB10)

Frequency Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	25.9	23.2
63+	28.4	
80+	19.8	
100	20.5	20.8
125	21.4	
160	20.6	
200	22.7	25.2
250	26.3	
315	28.6	
400	29.4	30.1
500	30.2	
630	30.8	
800	32.6	34.0
1000	34.0	
1250	35.9	
1600	37.5	39.4
2000	39.6	
2500	42.3	
3150	44.8	46.7
4000	47.3	
5000	49.0	
6300+	50.5	51.6
8000+	51.5	
10000+	53.4	
Average 100-3150	31.1	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})= 34 (-1;-4) dB

Rating according to ASTM E413-22 based on
measurements to BS EN ISO 10140-2:2021
STC = 34 (*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