Siderise NCB-MR Noise Control Barrier

Application

Siderise NCB-MR is a flexible, weather resistant noise control product that forms a barrier between a noise source and the receiver, reducing the impact of sound on the surrounding environment.

Siderise NCB-MR is commonly used around construction sites, roadworks, railways, and outdoor events to provide a barrier between the noise source and receptors.

Siderise NCB-MR is designed to typically hang via eyelets over construction fence panels, they have been specifically developed to provide a simple and easy solution to noise issues in the outdoor environment.

Product description

Siderise NCB-MR is made of a composite of flexible materials, meaning it can be easily rolled or folded for simple handling and storage.

The acoustically absorbent fibre insulation core is enclosed by weather and wash proof durable PVC outer facings.

Eyelets are positioned around the perimeter of the barrier for fixing to common steel construction fencing.

Installation

Siderise NCB-MR can be quickly fixed to site fencing and scaffolding. Using strategically placed eyelets the noise barrier can be easily hung from readily available and common steel construction fencing. Using specially designed bungee cords or heavy-duty cable ties Siderise NCB-MR can be well secured to most mobile fencing of compatible dimensions.

As sound will diffract around objects, barriers should be placed in close proximity to the noise source to stop 'line of sight' to surrounding buildings and the public. Barriers should also be overlapped by 50mm and care should be taken to avoid gaps, as this will improve the overall effectiveness and reduce 'leakage'.

All eyelets should be utilised for restraining the barrier to the fence panels to ensure maximum stability and safety.

Please note that care should be taken that fence panels or supporting structures are adequately restrained in high wind conditions. (Please contact the fence panel provider for details regarding wind loading).

SIDERISE®
integrity in all we do

Acoustic Performance

Sound Insulation:

R_w(C;Ctr)= 16(-1:-3)dB   Rating according to BS EN ISO 717-1: 2020

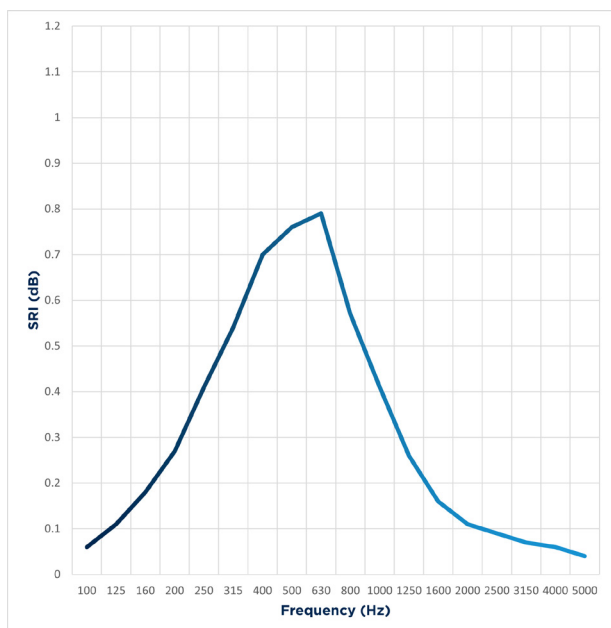**Graph 1: Laboratory Measurement of Sound Reduction Index to BS EN ISO 10140-2: 2021**
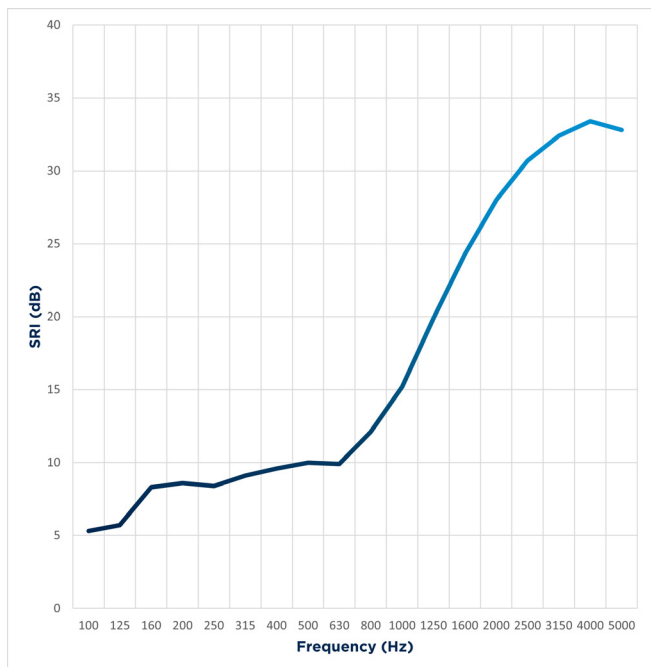
Sound Absorption

Mounting Method: A

$α_w$	0.20(LM)	Calculated to BS EN ISO 11654: 1997
NRC	0.40	Calculated to ASTM C 423-01

Graph 2: Laboratory Measurement of Random Sound Absorption to BS EN ISO 354: 2003

Technical specification

Size	2000mm x 1200mm
Weight	4.8kg
Colour	Black
Custom artwork	Optional
Outer finish	Medium weight durable PVC
Flammability (PVC Outer)	Type B BS5867-2:2008
Tensile strength (PVC Outer)	2500 / 2100 N/5cm
Operating temperature (PVC Outer)	-30°C to +70°C

Further information

Technical support

For further information please contact our technical team at the address below.

Available CPD's

Contact Siderise for further information on our CPDs:

*   Siderise Acoustic Products for Commercial Interiors -Architect Edition

*   Siderise Acoustic Products and Performance with 1/3rd Octave Data – Acoustic Consultants Edition

Sales & Technical

Sales support

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