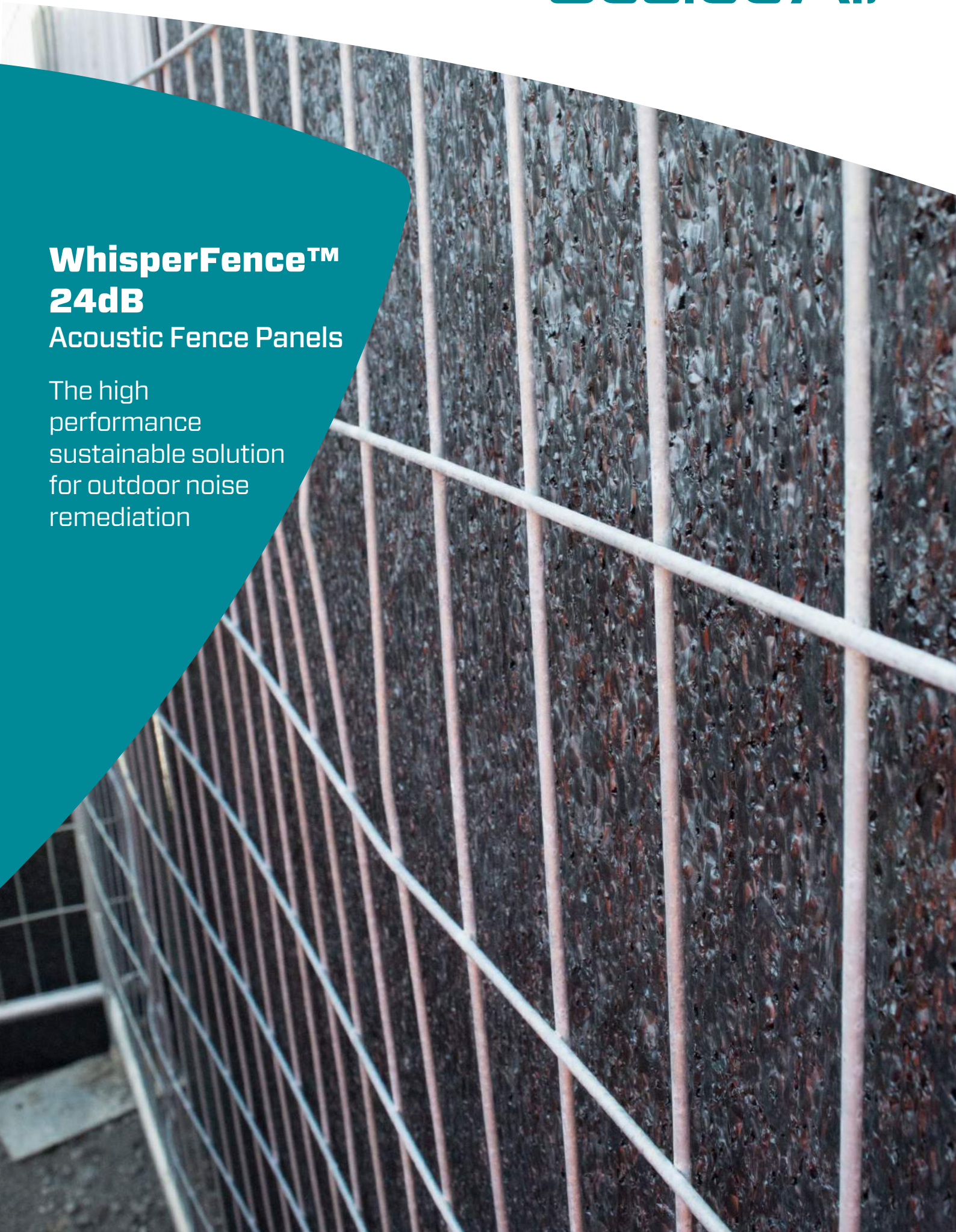


## **WhisperFence™** **24dB** Acoustic Fence Panels

The high performance sustainable solution for outdoor noise remediation



## Features and Benefits:



Sustained performance in all weather conditions



NRC of 1



Rw 23, STC 24dB



75% Recycled Content



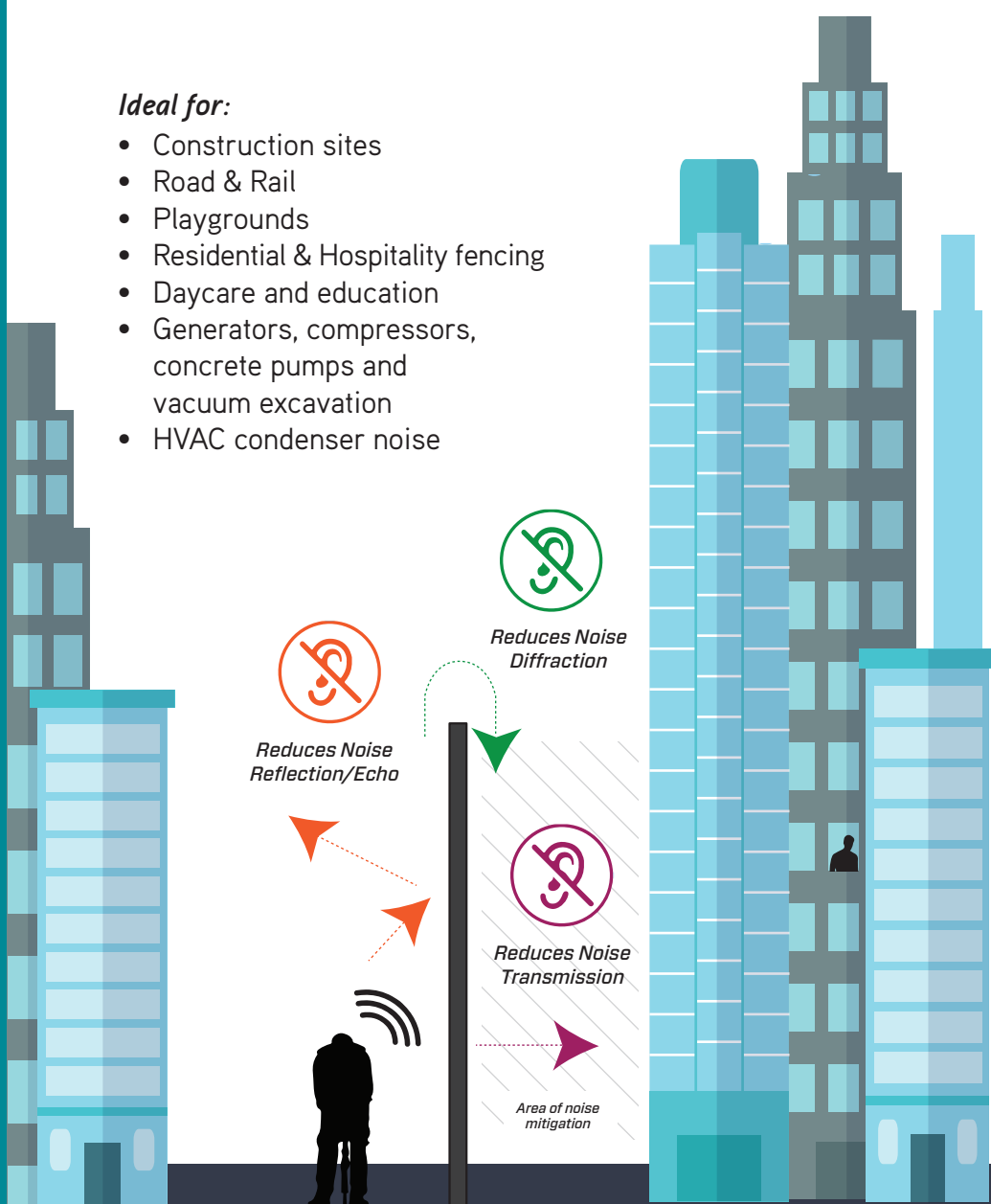
10 year outdoor life

**WhisperFence™ 24dB** is a unique combination of our patented Stratocell Whisper UV with a recycled barrier material to improve transmission loss. The light weight, easily managed, semi rigid panels are quick and simple to install vertically as hoardings on construction sites, acoustic fencing and noise barrier walls.

Materials that only demonstrate barrier performance usually reflect noise elsewhere on your site, often creating more problems than they solve. Materials with a high level of acoustic absorption such as WhisperFence™ 24dB mitigate the reflection problem. In addition, alternative materials absorb moisture, which reduces their ability to absorb noise whereas WhisperFence™ 24dB can demonstrate sustained acoustic performance following moisture exposure.

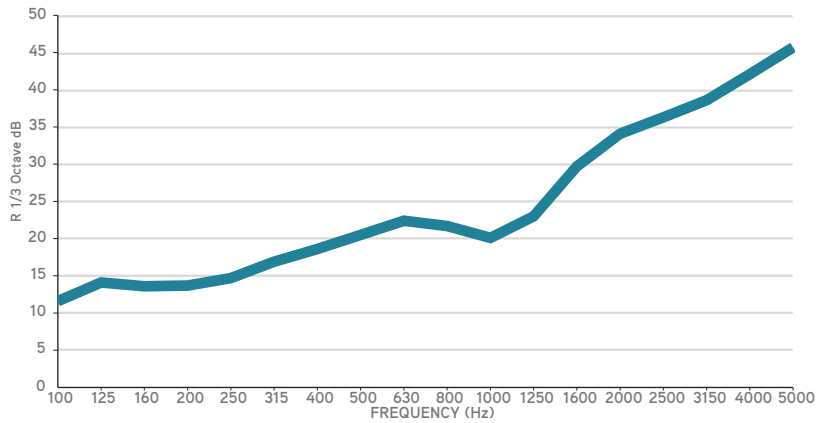
### *Ideal for:*

- Construction sites
- Road & Rail
- Playgrounds
- Residential & Hospitality fencing
- Daycare and education
- Generators, compressors, concrete pumps and vacuum excavation
- HVAC condenser noise



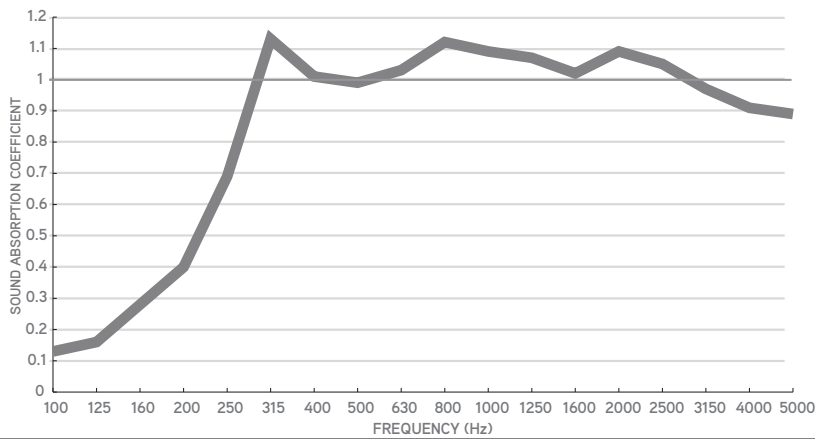
# Sealed Air®

WhisperFence™ 24dB is a unique combination of our patented StratoCell Whisper UV with a recycled barrier material to improve transmission losses.



WhisperFence™ 24dB	
100	11.6
125	14.1
160	13.6
200	13.7
250	14.7
315	16.9
400	18.6
500	20.5
630	22.4
800	21.7
1000	20.1
1250	23.0
1600	29.7
2000	34.1
2500	36.3
3150	38.6
4000	42.1
5000	45.7
RW	23.0

Reverberation room testing according to EN ISO 354



Whisper 50mm	
100	0.13
125	0.16
160	0.28
200	0.4
250	0.69
315	1.13
400	1.01
500	0.99
630	1.03
800	1.12
1000	1.09
1250	1.07
1600	1.02
2000	1.09
2500	1.05
3150	0.97
4000	0.91
5000	0.89
NRC	1
SAA	0.98

**“Waste** is just a resource in the wrong hands” By Oliver Waddington-Ball

In Australasia Astron Sustainability recycles over **30,000 tonnes** of plastic waste per annum.

WhisperFence™ 24dB is made of 100% LDPE. **75%** of it is made using recycled plastic that has been repurposed by Astron.

**From Landfill to Noise Barrier - A Sustainability Story**

## Top tips for temporary noise control



Always install vertically



Face foam towards the noise for best results



Utilise a 'score & snap' cutting method



Fix with roofing screws



Pre- Drill + cable ties used in conjunction with a lap joint



Place the WhisperFence™ as close as practical to the noise source



Protect from high temperatures, as it has a maximum operating temperature of 80° Celsius