HIGH PERFORMING UNDERWATER NOISE MITIGATION

System Characteristics

- Proven 25dB SEL and 35dB peak pressure noise reduction across the barrier
- No installation vessel downtime – can be off critical path
- Minimal deck space or payload requirement
- Adaptable to variable water depth and pile diameter
- Configured to suit project specifics
- Safe and inexpensive
- Compact and lightweight - can be air freighted
- Can be incorporated into piling template or gripper arm
- Deployable in harsh offshore marine conditions
- Patented

How It Works

12m Trial Prototype

Deflated

1/2 Inflated

Inflated

Laminated Skin
Woven Fabric
Drop Stitching
Woven Fabric
Laminated Skin
HIGH PERFORMING UNDERWATER NOISE MITIGATION

Bellows Within Pile Gripper Arm

- System Open
- System Closed
- Deployed Under Gripper Arm

Piling Template

- Acoustic Sleeve
- Pile Guide Template
- Indexing Arm
- Mud Mats

Water Ballast System

- Pre-Installed on Monopile
- One Lift