

Acoustic Containers

Product Brochure



WAKEFIELDACOUSTICS
NOISE CONTROL TECHNOLOGY

INDUSTRIAL & ENVIRONMENTAL NOISE CONTROL SOLUTIONS

Wakefield Acoustics specialises in the design and fabrication of a wide range of noise control technologies. Since our formation in 1980, the company has supplied a range of solutions for both industrial and commercial applications.

We operate from our modern 40,000 sq. ft. facility in West Yorkshire, and we are accredited to ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007, hence ensuring our products are fabricated to the highest levels of quality, with health and safety and environmental compliance being at the heart of our operations.

PRODUCT DESCRIPTION

We manufacture high quality bespoke acoustic enclosures and containers for a range of equipment and applications, all designed to withstand the most demanding of environments.

Larger ISO-style acoustic containers are manufactured with a rigid hollow section frame and corrugated mild steel outer sheets. Smaller acoustic containers and canopies can be manufactured with flat, stiffened outer surfaces.

The inner face of the acoustic wall and roof will be perforated plate and the cavity filled with a dense absorptive acoustic media (mineral wool) and additional sound deadening layers where required, to meet the project acoustic requirements.

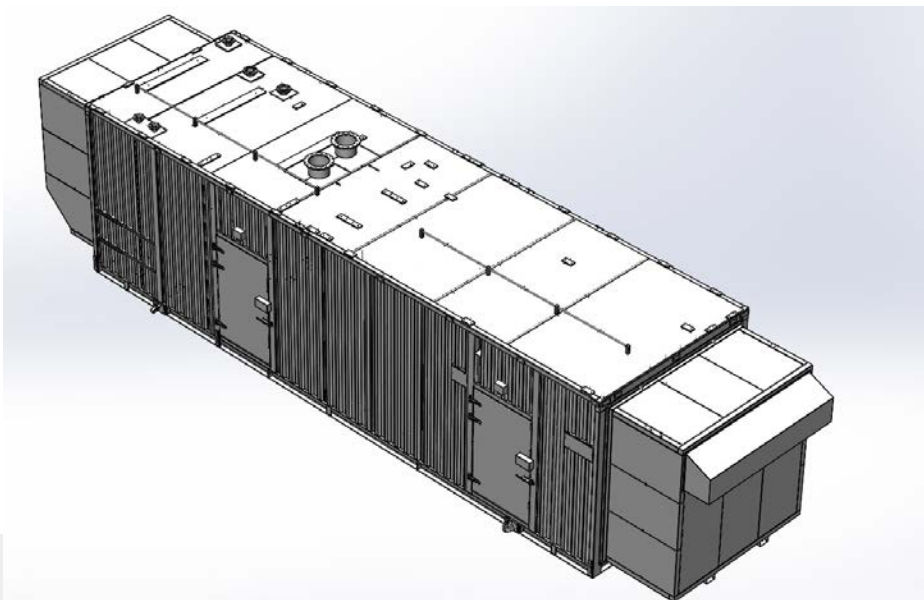
Container bases are manufactured with a structural steel frame and lifting points, designed to suit the equipment weights. Internal flooring can be acoustically insulated depending upon the project acoustic requirements.

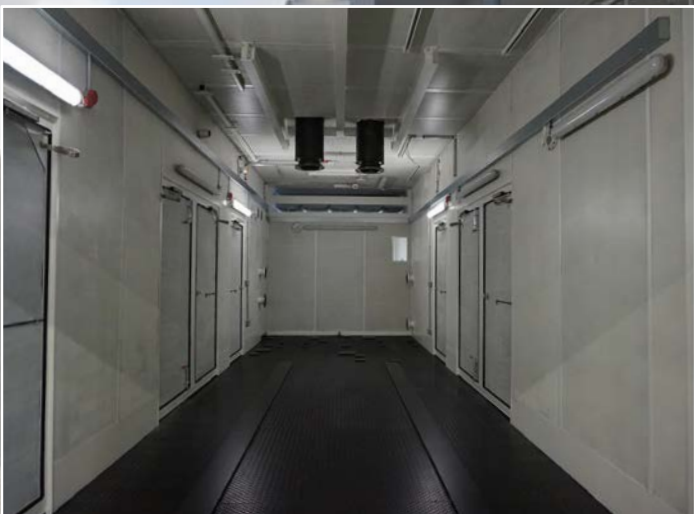
Integrated ventilation systems are incorporated into the design of containers, complete with attenuation systems.

The outer finish of the container can be painted to any standard, non-metallic RAL or BS colour. Internal surfaces can be painted or left untreated to suit aesthetic requirements.

ACOUSTIC PERFORMANCE

To ensure a quality installation and to guarantee noise reduction solutions our range of acoustic panelling has been independently tested at Salford University. Tests have been undertaken to BS EN ISO 10140-2:2010 'International Standard Method for Measurement of Airborne Sound Insulation of Building Elements'





OPTIONAL CONTAINER FEATURES

- + Single & double leaf access doors
- + Cable / pipework penetrations
- + Small power and lighting
- + Frost protection & heating
- + Internal Lifting beams, fully tested and certified
- + Exhaust systems
- + Inlet and outlet attenuation systems and weather louvres
- + Equipment support brackets
- + Fire and gas detection systems

TYPICAL APPLICATIONS INCLUDE

- + Diesel & Gas Engine Generators
- + CHP Plants
- + Transformers
- + Switchgear
- + Modular Plantrooms



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