

Thermowrap

Data Sheet



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IAC Acoustics (Australia) Pty Ltd, is an industrial acoustics company. We provide total custom made solutions from the primary stage of design to the final stage of site installation. IAC Acoustics can help you with any acoustic project. From specialist anechoic chambers, through to architecturally finished acoustic doors. From diesel generator installations through to haul truck attenuation.

THERMOWRAP or THERMAL INSULATION BLANKETS

IAC Acoustics Thermowrap Exhaust Insulation Blankets are custom manufactured using layered fibre-glass materials to provide exceptional heat and noise control at temperatures to 1200°C. Thermowrap exhaust blankets will withstand intense vibration and is the solution for block type insulation requiring replacement. Thermowrap patterns are created and plotted digitally. Digital patterns further increase accuracy and consistency of the final product. All digital patterns are saved and backed up electronically to allow us to recall previous jobs. Special constructions are available on request for high temperature applications.



General Properties:

- Insulation medium-100% glass fibres
- Temperature Limit - 1200°C
- Weight (approximate) - 5 kg/m²
- Blankets of varying thickness
- Thermal conductivity
- 150°C - 0.039 Watts/mK 260°C - 0.059 Watts/mK 1370°C - 0.075 Watts/mK
- Excellent vibration resistance

Advantages:

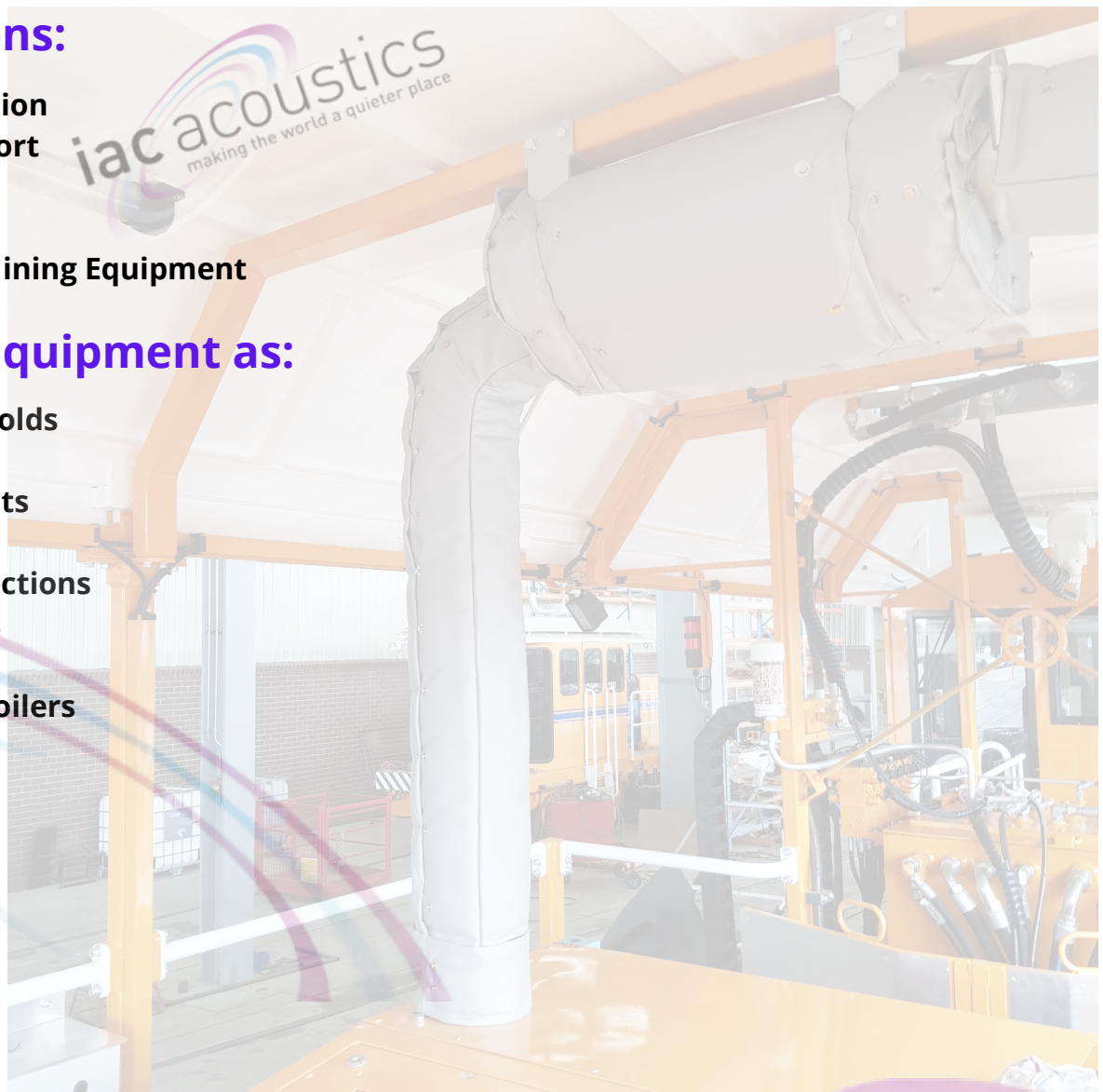
- Asbestos free
- Non-respirable materials
- Vibration resistant
- Personal protection
- Blankets can lower skin temp to 60°C & allow routine maintenance without shutdown
- Removable reusable

Applications:

- Power Generation
- Marine Transport
- Fishing Vessels
- Fire Pumps
- Forestry and Mining Equipment

On Such Equipment as:

- Exhaust Manifolds
- Exhaust Pipes
- Expansion Joints
- Flexible Joints
- Flexible Connections
- Turbochargers
- Turbine Cases
- Exhaust Gas Boilers





Thermowrap on Muffler and Duct



Turbocover



Thermowrap on Exhaust Manifold



Thermowrap on Engine System



CAT 7.1 TURBO COVER



Bellowseal

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