



dB Acoustics Pty Ltd

ABN 71 121 370 894

Industrial Oven Panels



dB ACOUSTICS manufactures modular interlocking thermal panels and doors for the construction of industrial ovens.

The panel construction comprises inner and outer skins of steel (mild steel, aluminized steel, galvanized or stainless steel).

The thermal insulation infill material varies according to the application. R350 to R450 mineral wool grades are typical ratings but higher ratings can be provided if necessary (up to R650).

Panel Thicknesses range from 50mm to 150mm; with a temperature Rating up to 300°C. Panel sizes are from a max. module width 1050mm and a length up to 4000mm

The panel to panel joint is a male and female profile accurately formed on a multi stage roll former. The joint requires no fasteners. Panel edges are slotted and insulated to minimize heat loss at joints.

dB Acoustics supply specially formed channels to neatly finish and trim off any openings for ductwork, dampers, doorways, windows etc.

Robust insulated doors are also provided with the **dB ACOUSTICS** modular system.

The **dB ACOUSTICS** panel system is used for the following applications :

- Industrial ovens
- Drying rooms
- Process heating
- Curing ovens
- Drum ovens
- Air conditioned control rooms

These panels are ideal for locations with limited access and for containerization for exporting ovens.

For further advise on these products please contact dB Acoustics Pty Ltd.

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