

# Acoustic Door

## Type ACL1SD/1DD/NSD

A view of a typical acoustic door has been shown, we manufacture a range of acoustic doors dependant on noise attenuation requirement. Full details of individual thickness' of doors and their noise reduction rating are available on CAD sheets from our Head Office. A wide range of door furniture and hinging requirements are available. It is usual with Acoustic Doors to fit fridge-type roller locks as these help compress the seals to the edge of the leaves.

Doors over 2 metres wide may require floor mounted guidance channels due to the weight involved.

### **Specification and Construction:**

Manufactured from either HE9TF Aluminium or Galvanised Steel Sheet. Fabricated and constructed in our Birmingham Factory, using either mig or tig welding facilities.

### **Sizes:**

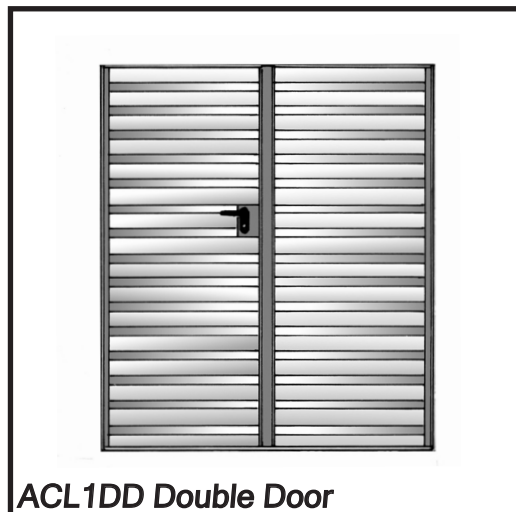
No preset sizes are enforced and all units from small gas housing access doors to full plant room double doors, up to 3 metres high, are available.

### **Finish:**

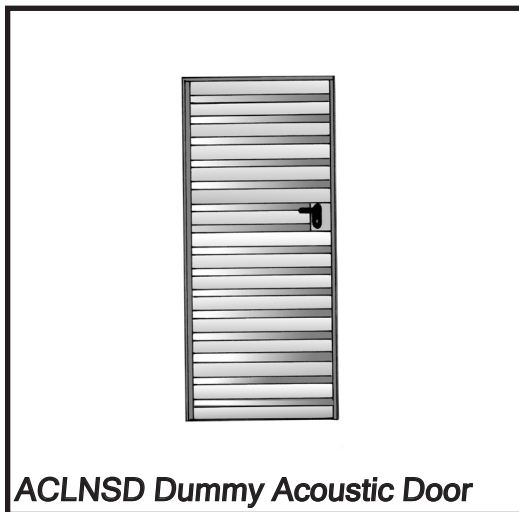
Full range of Epoxy Powder Coatings suitable for external mounting is available. These are applied as a Aluchrome pre-treatment to give



**ACL1SD Acoustic Door**



**ACL1DD Double Door**



**ACLNSD Dummy Acoustic Door**

a guaranteed life expectancy of 10 years for semi-gloss applications and 12 years for gloss. A full written guarantee is available on request. Other PVF2 Syntha Pulvin and anodised treatments are also available at varying costs.

### **Alternative Design:**

Standard doors have recessed angle frames but box frames, solid panels, fire and acoustic doors are also available.

### **Fixing:**

Various fixing methods have been shown on the next page, other solutions are available, so please contact our Head Office for specification sheets.

# Acoustic Door Fixing Method

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