



ALLAWAY ACOUSTICS

SPECIFICATION

TRANSHIELD is a five part laminate comprising:-

Outer layer	:	Aluminised vapour barrier.
Outer spacer	:	25mm Glass fibre.
Core	:	5.6Kg/m ² lead.
Inner spacer	:	25mm Glass fibre.
Inner layer	:	Woven glass fibre cloth.

The aluminised vapour barrier has a glass fibre reinforcing mesh and is impact and tear resistant.

The outer and inner spacer layers are 25mm thick fibre glass of nominal density 24Kg/m³. Fibre glass is odourless, non-hygroscopic, and rot proof. It does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Sheet lead of superficial density 5.6Kg/m² is used as the core material because of its high inherent mass and limpness.

The inner layer of woven glass cloth ensures ease of handling, strengthens the insulation and minimises fibre erosion.

DIMENSION

TRANSHIELD is manufactured in 2000mm x 1200mm x 50mm thk sheets.

FIXING

Refer to the Installation Instructions for full details.

FIRE RATING

BS476 part 7, Class 1.
BS476 part 6, pass.
Building regulation E15 : 1976, Class '0'

THERMAL CONDUCTIVITY

0.036 W/mk. Measured in accordance with BS874:1973
Cold face 40°C : Mean temperature 25°C.

ACOUSTIC PERFORMANCE

Refer to publication "TRANSHIELD-ACOUSTIC PERFORMANCE DATA"