

# FIRETECH

## 03 | FIRETECH FOAM

### STANDARD SIZE

1200mm x 2000mm x 50mm

1200mm x 1000mm x 50mm

MAX: 1200mm x 2000mm x 100mm

### TECHNICAL DATA

EN 13501-1 EURO CLASS : B-s1,d0

BS 476 PART 6/7: CLASS 0

COMPOSITION: IMPREGNATED PU FOAM

CUTTING TOLERANCES: +/- 5mm

DENSITY: 90KG M3

OPERATING TEMPERATURE: -30°C to 100°C

ASTM C1071-05 12.7: PASS

FUNGUS RESISTANCE: EXCELLENT

THERMAL CONDUCTIVITY: 0.32 Btu-in/ft2-hr°F

WATER VAPOUR: ASTM C1104-06 - <9%

COLOUR: DARK GREY

FireTech is a highly modified flexible open-celled polyurethane foam. Used as an acoustic sound absorber offering excellent absorption characteristics, especially in the troublesome low frequencies, whilst achieving the highest possible fire resistance ratings for a flexible acoustic foam. FireTech is a chemically inert product that will not dust or migrate, even when subjected to high-velocity airflows. Tested at 10000 fpm for 4 hours. FireTech also has the ability to act as a membrane absorber across the full frequency spectrum when specified with the correct material thickness & choice of facing. High mass ensures FireTech gives excellent damping performance when applied to rigid substrates, greatly improving sound breakout.

### FEATURES & BENEFITS

- Class A acoustic performance
- Flame retardant
- Light Weight
- No fibres
- Resistant to static charge
- Easy to work with
- High colour stability
- Design freedom



"We exist to design, manufacture and supply the future of interior acoustic products."



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[www.techmaterials.co.uk](http://www.techmaterials.co.uk)

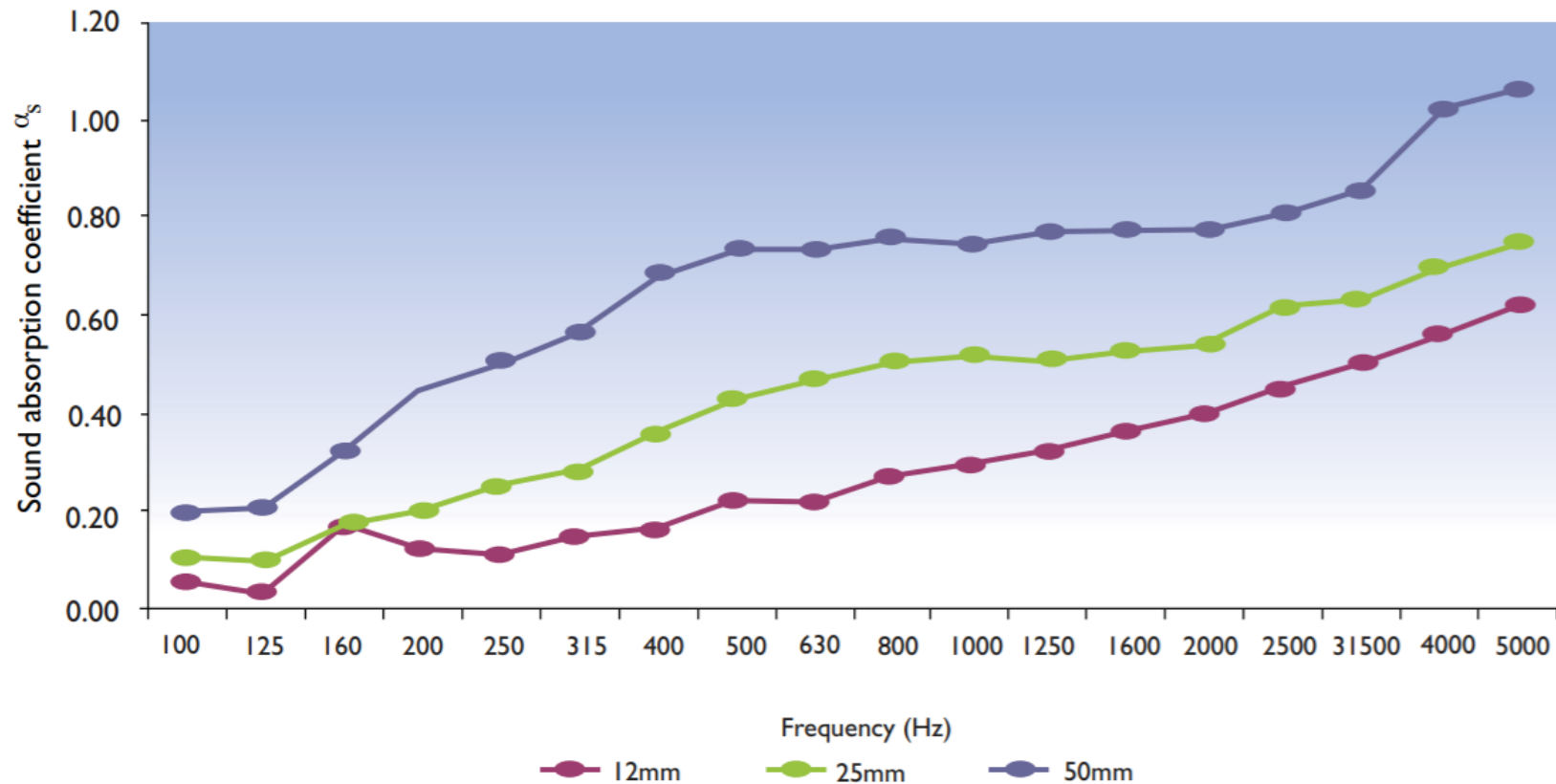


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Telford, Shropshire, TF7 4QP

## 3.1 | FIRETECH ACOUSTIC DATA



Sound Absorption @ 12mm (Random Incidence) NRC > 0.27


Sound Absorption @ 25mm (Random Incidence) NRC > 0.42

Sound Absorption @ 50mm (Random Incidence) NRC > 0.67



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