

Firetech – Data Sheet

**Product Name****Composition****Colour****Cutting Tolerances****Thickness****Density****Operating Temperature****Air Erosion Resistance 6 - 50mm****Mildew (Fungus) resistance****Water Vapour sorption****Thermal Conductivity****Fire Performance****Air Erosion Resistance 6 - 50mm**

Firetech

Impregnated PU Foam

Dark Grey

± 3mm

<100mm

90kg/m³

-30°C to 100°C

ASTM C1071-05 12.7 Pass

ASTM D-2020-92- Does Not Support Growth

ASTM C1104-06 - <9%

ASTM C518-04 - 0.32 Btu-in/ft²-hr°F @6mm

EN 13501-1 Euro Class - B-s1,d0

Bs 476 Part 6 - <12 >6mm

Bs 476 Part 7 - Class 1

Building Regulations - Class 0

ASTM e84-09 Surface Burning Characteristic

- Flame Spread Index 10

- Smoke Developed Index 20

Hot Surface Performance @100°C 96hr - Pass

UI94 Classification - 94-V-0



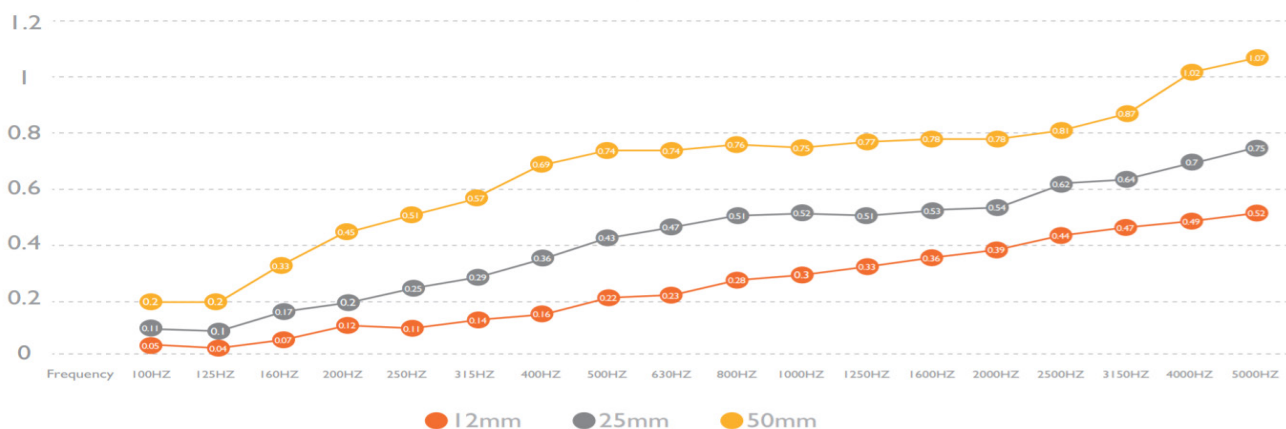
Firetech - Acoustic Performance

Firetech has been developed to provide excellent sound absorption in the troublesome low frequency range, whilst offering high levels of absorption at the mid and high frequency end.

Firetech also has the ability to act as a membrane absorber across the full frequency spectrum when specified with the correct material thickness and choice of facing.

High mass ensures Firetech gives excellent damping performance when applied to rigid substrates, greatly improving sound breakout.

Measurement of absorption in a reverberation room.
BS EN ISO 354:2003



Sound Absorption @ 12mm aw 0.30

Sound Absorption @ 25mm aw 0.45

Sound Absorption @ 50mm aw 0.75

