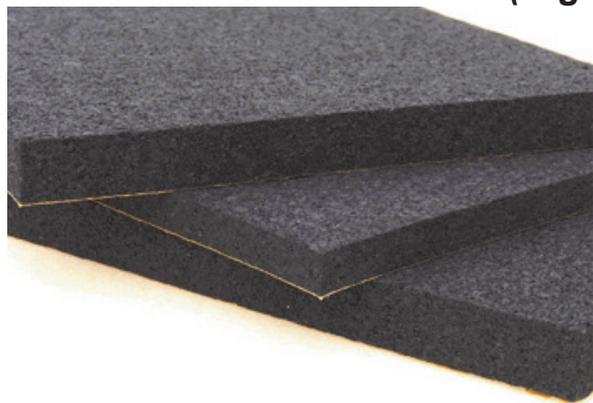


FRHD - Non-Flammable (High Density) Acoustic Foam



Key Benefits

- Effective airborne absorption for small cavities and enclosures.
- Efficient lower frequency sound absorption
- A density of 240kg/m³
- Easy to cut with a knife.
- Supplied plain or with a self-adhesive backing
- Easy wipe clean surface
- Supplied as a sheet 1m x 1m in 12mm and 25mm thicknesses
- Available from stock

Description

FRHD high performance non-flammable acoustic foam based upon impregnation using Aluminium Tri-hydrate, to offer excellent Flame Retardency. A black impregnated, polyether, polyurethane acoustic foam with a density of 240kg/m³ and a uniform cell structure offering excellent sound absorption properties. Flame Retardant, compliant to BS476 Part 6: Class O, and BS476 Part 7: Class 1, UL94-HF1 and FMVSS 302.

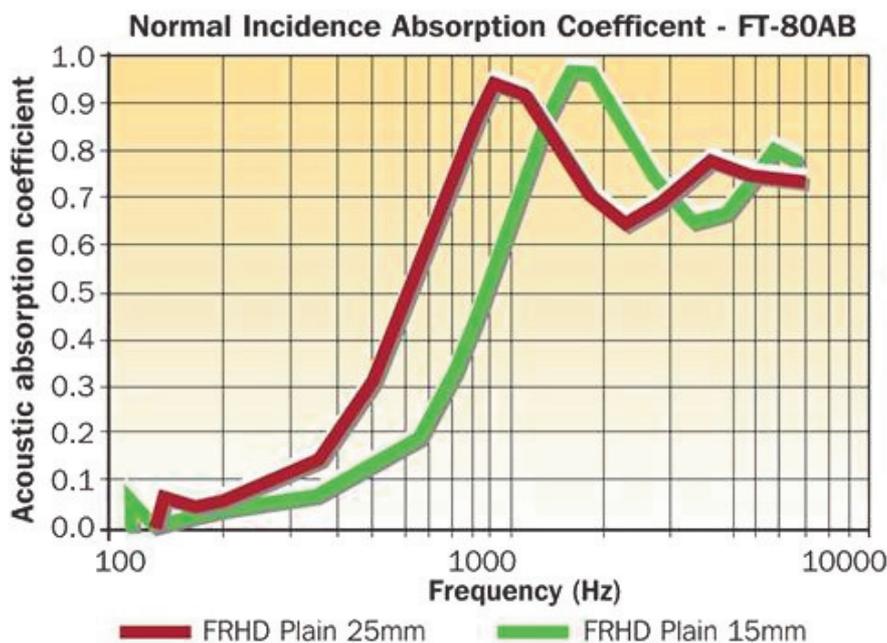
Applications

This superior acoustic foam can be used in the same way as ordinary FR foam but is far more versatile. It is of particular use in heating and ventilation ducts, machinery guards, enclosures and even buildings. It also offers thermal insulation and has the advantage over other types of insulation of not losing dust or fibre particles.

This unique sound absorbing foam is based on a remarkable cellular bi-elastomer, which is incapable of supporting combustion, and will protect other materials from a wide range of dangerous ignition sources. The material is flexible and therefore, easy to fit.

Supplied plain or with a self-adhesive backing it is ideal for aerospace, oil rigs, small enclosures, machinery housings, heating and ventilation and the construction industry.

Our high performance self adhesive products adhere to most clean surfaces. In some cases secondary mechanical support maybe required employing fixing pins should the acoustic panels be large or inverted as is the case with roof panels. Please seek guidance from our technical team for further advice.



Properties

Polymer: Open cell PVC/Nitrile
 Colour: Black
 Sheet Size: 1m x 1m
 Standard thickness: 12 and 25mm enquire about if other thicknesses required
 Piece Density: Density: 240kg/m³
 Temperature Range: -30oC to +110oC
 Thermal: 0.043 W-m.k @ 20oC

Fire Resistance

FMVSS 302: Self-Extinguishing
 BS4735: Self extinguishing
 Class 0: BS 476 pt 7
 ASTM D1692: max extent burnt 60mm
 UL94: Pass Rating HF1 & V-0

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE