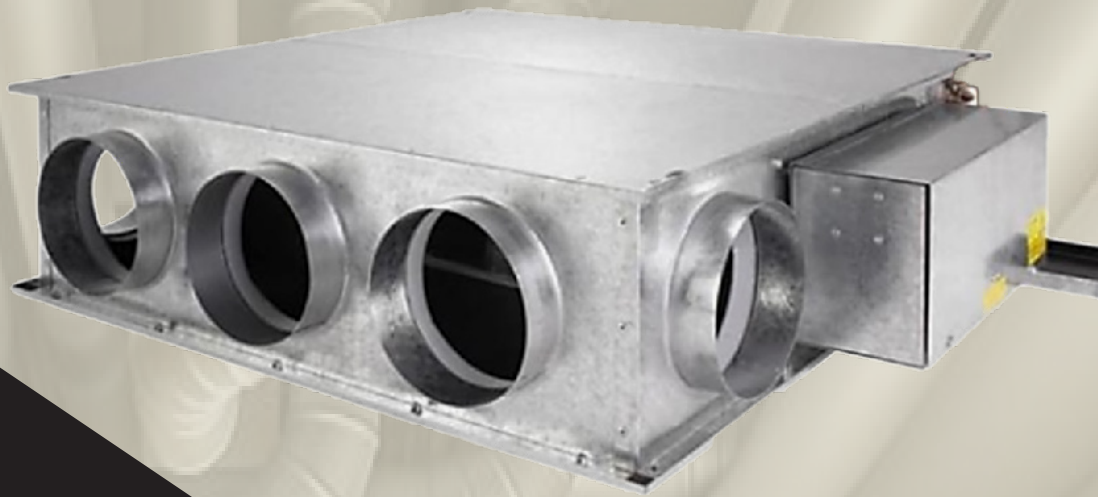


HVAC Fan Coils and Ducting

Acoustic Lining Solutions



LinkedIn

Vita Technical Foams

Vita Group

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technicalsales@thevitagroup.com



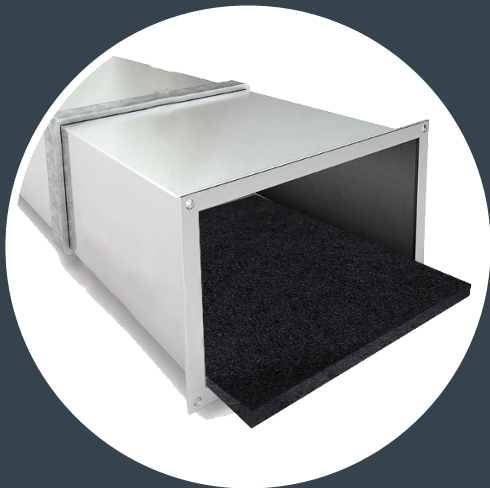
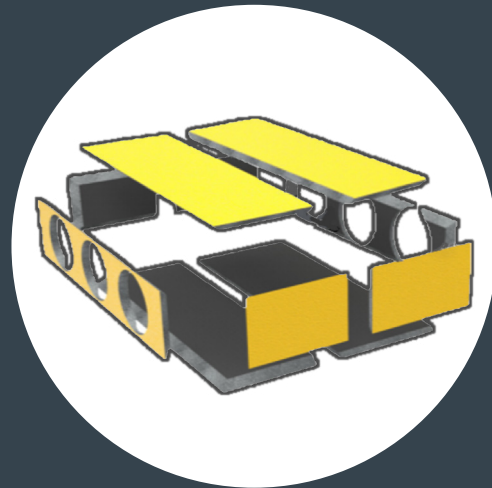
HVAC Fan Coils and Ducting Acoustic Lining Solutions

Pyrosorb Class O Acoustic Foam for a quiet and comfortable smart indoor climate.

As well as the need for thermal insulation, metal ductworks will often require acoustic insulation to help prevent noise transmission and improve the working or consumer environment.

Vita's Pyrosorb-S is the ideal solution, available in sheets, rolls or kits, self adhesive backed to easily be fixed to the internal walls for highly effective long term noise control. Pyrosorb has been designed to provide acoustic insulation to the duct system and improve the thermal performance.

Pyrosorb can be used internally maintaining aesthetics and reducing maintenance. Pyrosorb will not shed particles at air movements up to 10,000 ft per minute.



Fan Coil Kits

Take advantage of Vita's conversion expertise and 'cutting edge' technology. Fan coil kits are manufactured to our customers' drawings utilising CNC water-jet cutting technology. Kits conform to Class 0 fire performance BS476-6/7.

Pyrosorb-E can be specified for installations required to meet European Standard EN 13501-1 (EN ISO 11925-2 and EN13823, B-s2,d0.)

PYROSORB-S: Class 'O' Self-extinguishing PU Foam

VITA'S manufacturing and technical expertise is exceptional meeting both local and international standards. By providing an extensive range of products Vita can satisfy many types of complex needs in an efficient manner. Consistent supply and quality is assured from concept to completion, a discipline that has helped secure long term customer relationships and partnerships.

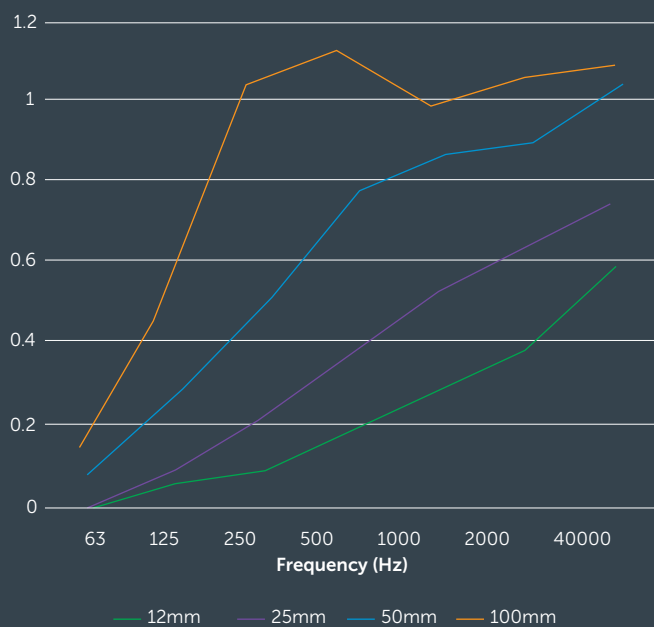
PYROSORB-S, which is the basis of the product range, is open celled acoustic/thermal impregnated polyurethane foam. It was originally developed as safety critical foam. High acoustic performance and absorption coefficients are typical for a cellular material, but unusually high deadening performance is attributable to the high density of approximately 85 kgm³. The high mass helps to reduce vibration in metal enclosures to reduce drumming and noise breakout.

Available Range includes:

- Pyrosorb-S-AD3 (self adhesive backed)
- Pyrosorb-S-V1 (faced with polymeric coating)
- Pyrosorb-S-PU2 (faced with black flexible PU film)
- Pyrosorb-S-RA1 (reinforced Class O aluminium facing)
- Pyrosorb-S-GC (abrasion resistant glass cloth facing)
- Pyrosorb-S-VG (PVC coated polyester facing for hygiene, durability)
- Pyrosorb-S-L (lead lined composite)
- Pyrosorb-S-DS (heavy rubber damping sheet composite)



FLAT ABSORPTION COEFFICIENTS: BS EN 20354 (REVERBERATION ROOM)



— 12mm — 25mm — 50mm — 100mm

PYROSORB-S:

Class '0' Self-extinguishing PU Foam

COMMON APPLICATIONS:

- Truck cabin lining
- Panel damping
- Machinery enclosures
- Duct lining
- Engine compartments
- Electrical enclosures
- Noise shields
- Door panel absorbers
- Building acoustics
- Marine
- Compressors
- Generators
- Acoustic tiles
- Reverberation control

