

ACOUSTIC CURTAIN - Multi function sound reducing quilted Acoustic Curtains.

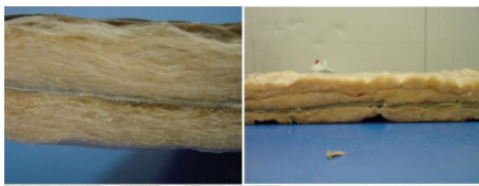


Key Benefits

- Quick and easy to install
- High Temperature & waterproof
- Available in many sizes
- Black, white or silver finish
- Can reduce sound up to 30 db
- Made to order in the UK

Description

Acoustic Curtain is an acoustic composite manufactured from sound absorbing specially formulated fibreglass insulation and a polymeric sound barrier using absorptive and barrier elements encapsulated with Vinyl facings.



The fibreglass insulation provides both excellent sound absorption and thermal insulation. The composite is manufactured using three layers of fibreglass with a density of 22kg/m³.

Each layer of insulation is quilted to enhance its durability.



A 2kg/m² polymer based synthetic membrane is laminated within the fibreglass layers. This membrane acts as a sound or noise barrier, thus reducing the transmission of noise to other areas.

The insulation is faced with a tough vinyl facing comprising a fire resistant cloth coated in PVC on both sides. The vinyl facing is wrapped around the edges of the composite and stitched to ensure the fibreglass insulation and polymeric barrier are protected from its working environment.



The vinyl facing is designed for continuous use at temperatures up to 120°C. Available in black or grey.

The quilts are highly flexible and can be supplied with various fixing options including eyelets and Velcro for installation but are not normally suitable for domestic windows due to their weight.

Colour & Finishes

Curtains for use in thermal insulation applications are generally manufactured with a washable black or grey PVC coated nylon fabric. Curtains for use in acoustic insulation applications are generally manufactured with a Black acoustically transparent glass cloth fabric.

Other fabric finishes, including your own printing and colours are available subject to enquiry and minimum order quantity.

Applications

Acoustic Curtains are widely used in industry as acoustic enclosures and screens for the reduction of noise from pumps, fans, compressors, vacuum units and a wide variety of other noise problems.

We have found a use for this product in the agricultural and farming industry used in farm buildings to compartmentalise large open spaces. This facilitates the creation of different temperature zones within a space, thus enabling fresh produce to be packed or stored in optimum conditions within each growing season.