



JCW Acoustic Quilt

The Product

JCW Acoustic Quilt is a premium acoustic partition roll manufactured by sandwiching a 2mm acoustic barrier membrane between 2 layers of 25mm mineral wool. The sound barrier properties of the acoustic membrane are complemented and enhanced by the absorption qualities of the mineral wool.

It is designed to be suspended and friction fitted between the studs in metal or timber partitioning systems, suspended between the joists of a timber floor, or laid over ceilings.

Mean Sound Reduction (vertically suspended): 22dB

Roll Sizes:

52mm thick x 600mm wide x 5m long (roll weight: 15 kgs)
52mm thick x 1200mm wide x 5m long (roll weight: 30 kgs)

Installation

JCW Acoustic Quilt is hung between the studs of timber and metal stud partitions and is trapped at both the partition head and the floor using timber battens or metal angle. Ensure that the quilt is closely fitted between the studs and that rolls are carefully butted together, without gaps.

Specifications

Acoustic Barrier Membrane

Mineral loaded - lead and bitumen free

Thickness: 2mm

Weight: 5 kgs/m²

Tensile Strength: 5.75N.mm² (BS 2782 Part 3: 1976)

Flammability: FMVSS 302 self extinguishing

Acoustic Mineral Wool

Mineral wool layers to complement the barrier membrane by absorbing sound and reducing reverberation

Thickness: 2 layers x 25mm

Fire Classification: Euroclass A1 to BS EN ISO 13501-1

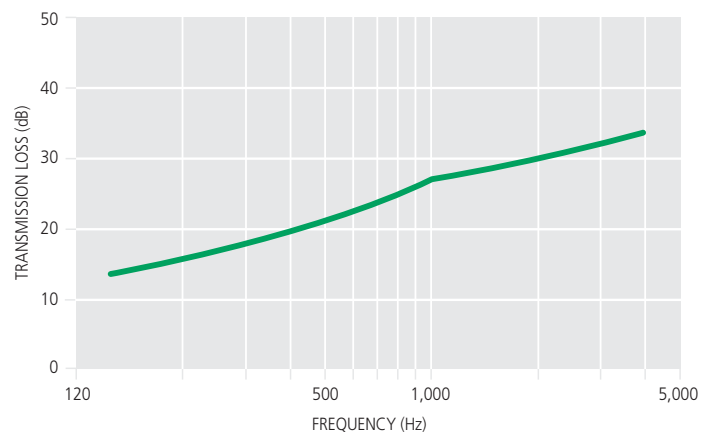
Zero ODP and Zero GWP

Vapour Resisitvity: 7.00 MN.s.g.m

Thermal R Value (2 x 25mm): 1.25 m²K/W



Transmission Loss Curve to I.S.O. R140 Free Hanging Curtain
Mean Sound Reduction Index: 22dB



For expert installation, call John C Wilkins Acoustic Installations on 01204 548400.

APPLICATIONS

- Offices
- Meeting Rooms
- Hotels
- Conference Centres
- Leisure Centres
- Schools
- Restaurants
- Showrooms

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