

ACOUSTIC CURTAINS

Sound Absorbent Fabric and Track Systems



Velvet velour curtains can be supplied in a wide range of colours, in both durably flame retardant and non-durably flame retardant versions.

A range of flame retardant curtain fabrics; that can be used with a variety of track systems, dependent upon duty, for use in any space where the flexibility of a non-permanent arrangement is required. The curtains can be used in a variety of situations, including conventional arrangements over windows. They can equally be used as part of a system to acoustically tune a space, such as a music rehearsal room, where they may be positioned to either cover or expose wall mounted sound diffusers, dependent upon whether an acoustically 'live' or 'dry' response is preferred.

General

The best acoustic results are obtained using either wool serge or velvet velour, due to the heavier nature of the fabrics. In most instances we recommend wool serge, as this is a heavier material, thus providing better sound absorption. It is also usually more economic. Velvet velour does, however, have aesthetic benefits in terms of both fabric feel and choice of colour. Track type is determined by curtain weight and duty and will also depend on length of run and drop.

Curtain Materials

Wool serge is durably flame retardant 100% wool cloth, treated with the International Wool Secretariat Zirpro treatment, which conforms to BS5867: Part 2B. Material width is 150cms and is available as super wool serge with a weight of 500g/m² in black only or standard wool serge at 400g/m² in a full range of colours. Velvet velour curtains can be supplied in a wide range of colours, in both durably flame retardant and non-durably flame retardant versions. The material width is 122cms and the weight is 375-395g/m². Curtains will usually be supplied with tab hooks at the top and chainweights in pockets at the base.

Curtain Tracking

This will be dependent upon duty, as well as curtain width and drop. Heavy systems will require Unirail track. This is finished in black and is usually used as a single track with no overlap arms. Lighter curtains can be mounted on proprietary track systems such as Silent Gliss.

In addition to the standard manual 'walk along' arrangement, curtains can also be supplied with drawstring or motorised track systems.

Maintenance

Periodic maintenance will prolong the life of the track system and ensure consistent operation. This should include keeping the track surfaces free of dust and grease, checking joint alignment and fixings for tightness and replacement of worn parts as necessary. We would suggest that curtains are periodically cleaned using a vacuum cleaner and/or a soft brush.

Where curtain fabric is chemically treated to afford flame retardance it must not be wetted in any way, as doing so may require retreating to meet the appropriate flammability requirements.

As a consequence, the cloth will not withstand wet cleaning but can be dry cleaned. We would, however, strongly advise that the material should only be dry cleaned as a last resort.

