

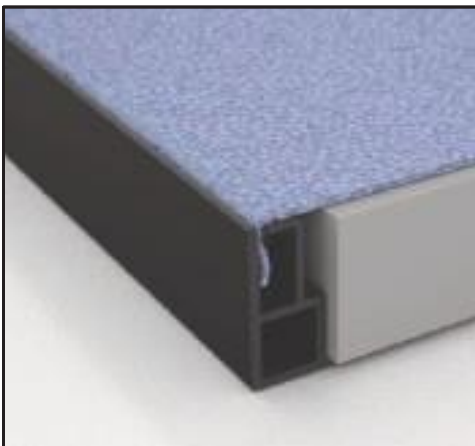


PhonoTrack®

Highly decorative stretched fabric acoustic treatment for internal walls. The smooth, taut finish is created by framing new or existing walls with extruded PVC-U sections and bonding acoustically absorbent MelaTech® foam in between. Acoustically transparent fabric is then stretched across the infill and securely anchored into the sections.

Key Features and Benefits

- Stretch fabric acoustic wall treatment
- Absorbs high levels of sound and significantly reduces reverberation
- Sound insulation barriers can be incorporated for more demanding performance requirements
- Design flexibility - Can conform to architectural features such as convex and concave walls
- Available in a selection of colours and fabric ranges
- Class 1 fire resistant fabric finishes



Applications

- Recording studios
- Cinemas
- Theatres
- Boardrooms
- Video conference rooms
- Audiology suites
- Art galleries
- Auditoria
- Reception areas

Colour and Finish

Cara, Lucia and Lucia CS fabric ranges are available as standard in a wide range of colours. Alternatively, clients can specify their own fabric subject to it being of a suitable quality, having the required acoustic properties and being compatible with the PhonoTrack® system.

Operating Temperature

Suitable for use at normal building temperatures.

Fire Performance

The MelaTech® foam contained within the PhonoTrack® system complies with the Class 'O' requirements of the Building Regulations when tested in accordance with BS476: Parts 6 & 7 at 25mm.

Cara, Lucia and Lucia CS fabrics meet the requirements of Class 1 Surface Spread of Flame when tested to BS476: Part 7: 1997 (As Amended).

The composite PhonoTrack® system has not been fire tested.

Thermal Conductivity - 0.035 W/mK @ 10°C

Acoustic Performance

High performance sound insulation barriers can be incorporated within the system to meet low frequency performance requirements in specialist applications e.g. recording studios and audiology suites etc. Further details available on request.

Thickness mm	Sound Absorption Coefficient (BS EN ISO 354)						* Absorber Class
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	
22	0.10	0.25	0.55	0.80	0.85	1.00	D

* Absorber Classifications tested in accordance with BS EN ISO 11654:1997

Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

Application and Fixing

PhonoTrack® is available to order and should only be fitted by specialist contractors. Ceiling fixing is not recommended. Further details available on request.

Care and Maintenance

PhonoTrack® stretch fabrics can be cleaned periodically with a low powered vacuum cleaner. Under no circumstances should the fabric be cleaned using water. Stains can be treated with an appropriate cleaning solution applied in accordance with the manufacturer's instructions.

If damaged, the stretch fabric can be removed and replaced by a suitably qualified tradesman.

Dimensions

The PhonoTrack® system allows total design flexibility on site and each installation can be customised to accommodate individual architectural features within a room. The maximum width and length of the system is dependent on the width of the chosen fabric.

The PVC-U sections can be adjusted to facilitate the depth off the wall varying from 25mm to 100mm for a continuous finish around the room. Further details available on request.

The information contained in this data sheet is believed to be correct at the date of publication. The information is based on our general experience and is given in good faith but because of the many factors outside our knowledge and control which may affect the product no warranty is given or is to be implied with respect to such information. H&H Acoustic Technologies Ltd reserves the right to alter or amend the specification of their products without notice as their policy is one of constant improvement.