

## Site-Built Acoustic Wall Lining System

### Product Overview

Tenso Wall is a site-built stretched fabric acoustic wall lining system designed to deliver high acoustic performance with a seamless architectural finish. Using a perimeter track fixed directly to the wall, the system combines a high-performance acoustic core with a precision-tensioned fabric surface.

Tenso Wall shares the same acoustic cores and fabric options as the wider Tenso range. As a fixed lining system, it offers maximum flexibility on site and is particularly suited to large wall areas, irregular geometries and projects requiring tailored detailing.

### Key Benefits

#### Acoustic & Aesthetic

- Up to Class A acoustic performance (system dependent)
- Seamless stretched fabric finish across large wall areas
- Compatible with thousands of contract fabrics
- Fabrics can be removed, replaced or refreshed
- Optional printed fabrics

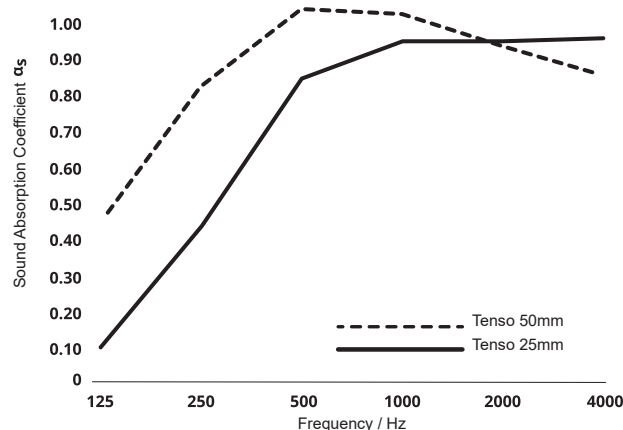
#### Sustainability

- Low-VOC acoustic core options
- Recyclable components
- Sustainable and recycled fabric options available
- Manufactured and installed in the UK

#### System Flexibility

- Site-built wall lining system
- Track fixed directly to wall substrates
- Easily adapted around doors, glazing, services and junctions
- Suitable for new-build and retrofit applications

### Acoustic Performance\*



Frequency	125	250	500	1000	2000	4000	NRC*
Tenso 25mm	0.15	0.50	0.85	0.95	0.95	0.90	0.85
Tenso 50mm	0.45	0.85	1.05	1.00	0.95	0.90	1.00

\* Acoustic performance may vary depending on core density, thickness and fabric selection.

## Composition

## Track

- Site-built perimeter track system
- Fixed directly to wall substrate
- Profiles available to suit square, bevelled or radiused detailing

## Acoustic Core

- PET fibre (low VOC, recyclable)
- Mineral wool or glass wool options available
- Core selection tailored to acoustic performance requirements

## Fabric

- Compatible with leading contract fabric ranges
- Fire-rated fabric options available
- Fabric can be re-tensioned or replaced in situ

## Fire Performance

**EN 13501 1: B s2, d0 (core and fabric dependent)**

Fire performance subject to final system build up and fabric selection

## Installation

- Installed by specialist installers
- Track fixed directly to wall substrate
- Acoustic core installed behind tensioned fabric
- Fabric tensioned on site to achieve a smooth, seamless finish
- Suitable for complex wall geometries and detailing

## Weight

Typically **4–7 kg/m<sup>2</sup>**, depending on core selection.

## Warranty

**10-year system warranty**, including resistance to humidity and moisture-related sagging.

## QUICK SPECIFICATION

**Product:** Tenso Wall 25 / 50

**Installation:** Fixed wall lining (site built)

**Purpose:** Acoustic absorption

**Fabric:** [ ]

Colour: [                      ]

**Manufacturer:** Resonics Limited

**E:** [sales@resonics.co.uk](mailto:sales@resonics.co.uk)  
**T:** +44 (0)20 7858 1030

Unit A, 130 Gosterwood Street,  
London SE8 5NY