

Site Built Acoustic Ceiling Lining System

Product Overview

Tenso Ceiling is a site-built stretched fabric acoustic ceiling lining system, fixed directly to the soffit using a perimeter track. The system combines a high-performance acoustic core with a precision-tensioned fabric finish to deliver Class-leading acoustic absorption with a clean, seamless aesthetic.

Tenso Ceiling shares the same acoustic cores and fabric options as the wider Tenso range. Unlike Tenso Hinge, it is a fixed lining system rather than a suspended, accessible panel solution, making it ideal where a continuous ceiling finish is required.

Key Benefits

Acoustic & Aesthetic

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

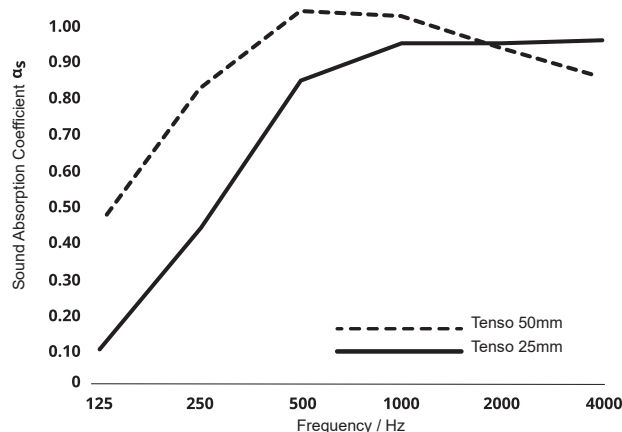
Sustainability

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

System Flexibility

- Site-built system fixed directly to the soffit
- Track depths to suit acoustic and coordination requirements
- Easily integrated with lighting, sprinklers and ceiling services
- Suitable for new-build and retrofit applications

Acoustic Performance*



Frequency	125	250	500	1000	2000	4000	NRC*
Tenso 25mm	0.12	0.47	0.88	0.98	0.99	0.93	0.85
Tenso 50mm	0.48	0.85	1.07	1.04	0.96	0.89	1.00

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

Composition

Track

- Site-built perimeter track system
- Available depths: 25 mm or 50 mm
- Mechanically fixed directly to soffit
- Profiles available to suit square 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 soffit
- Acoustic core installed behind tensioned fabric
- Fabric tensioned on site to achieve a smooth, seamless finish
- Suitable for complex ceiling geometries and service coordination

Weight

Typically **4–7 kg/m²**, depending on core selection.

Warranty

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

QUICK SPECIFICATION

Product: Tenso Ceiling 25 / 50

Track depth: 25 mm or 50 mm

Installation: Fixed to soffit (site built)

Purpose: Acoustic absorption

Fabric: []

Colour: []

Manufacturer: Resonics Limited

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