



DESCRIPTION

- Stretched Fabric System
- Site built
- Wall to wall / floor to ceiling
- Purpose: acoustic absorption

APPLICATIONS

Commercial
Recording Studios

Offices
Restaurants

Meeting Rooms
Libraries

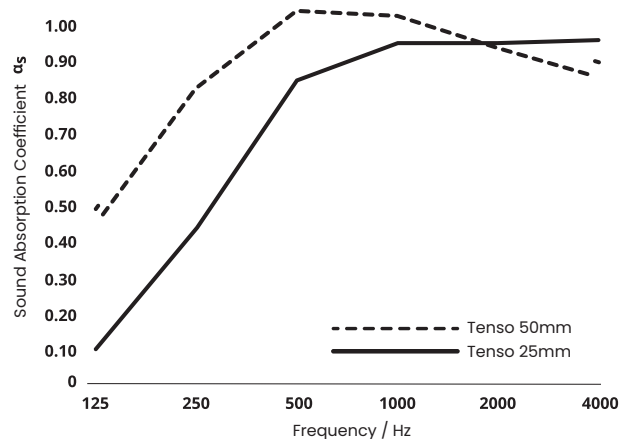
Theatres
Residential

Home Cinemas

KEY BENEFITS

- Outstanding acoustic properties.
- Available in two depths – 25 and 50mm.
- Available in thousands of fabric choices.
- Seamlessly incorporates switches, sockets and services.
- Can be built around curved and/or angled walls.
- Can be printed with images and graphics.
- Surface fabrics can be easily changed.
- Use a standard design or create your own.

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 Data can vary depending on exact composition of core and fabric selected.

COMPOSITION

Track

Extruded Polymer available in 50mm and 25mm depths. Available in square, bevel and radius perimeter edge profile.

Core

100% Polyester Fibre (PET). Available in two thicknesses plus a standard and premium density.

Fabric

Fabrics selected by architect/designer/client but must be approved by Tenso for acoustic performance.

Please note standard panels are made to a maximum width of 140cm. Wider fabrics are available upon request up to maximum width of 170cm.

FIRE RATINGS

ASTM E-84:

25mm: Class A FS:0 - SD:10

Report: RJ3297-9R1 and RJ3297-7R1 dated 17th March, 2015

ISO 9705:1993

Classification: Group 1-S Smoke
Production Rate: $<5.0\text{m}^2 / \text{s}$

Tested 16 May 2012, BRANZ (FI 4871)

EN13501-1:2007

B - s2, d0

Report 185157 dated 22nd July, 2009

25mm and 50mm acoustic core have been tested to EN standards and are classified as Class O.

All fabrics are fire-safety certified and are tested to EN or BS standards. Class O Fabrics are available upon request.

TRACK PROFILES



FW50SW



FW50SM



FW50SP

SUSTAINABILITY

- Tenso is manufactured under our ISO 14001 accredited Environmental Management System.
- Our acoustic core is made from 100% recyclable polyester and contains a minimum of 60% previously recycled polyester (from PET bottle flake).
- Core does not contain formaldehyde binders. The polyester fibre structure supports safer indoor air quality and will not become a potential airborne pollutant.
- Core does not contain any Red List chemicals.
- Polyester acoustic core has been tested for chemical emission and is classified as low VOC. VOC concentration: 0.01 mg/m³
- 100% recycled and recyclable fabrics available.
- Wide choice of rapidly renewable and compostable fabrics available.
- EU Ecolabel fabrics available upon request.
- All offcuts of fabric are donated to charitable organisations or fully recycled.
- Tenso acoustic track is made from virgin Acrylonitrile Butadiene Styrene (ABS) thermoplastic resin which is 100% recyclable.
- All waste material is ground and reused during the manufacturing process of the acoustic track.

QUICK SPECIFICATION

Manufacturer: Resonics Limited

Email: sales@resonics.co.uk

Contact: Rupert Nahum / Matt Bullen

Tel: +44 (0)20 7858 1030

Address: Unit A, 130 Gosterwood Street, London SE8 5NY

Product reference: Tenso 25 / 50

Thickness: 25mm / 50mm

Fabric: []

Colour: []