

Fiberglass Acoustic Ceiling Panels

Metric & Imperial Sizes | Acoustic Ceiling Systems | OEM/ODM Manufacturing

PRODUCT OVERVIEW

Lightweight fiberglass acoustic panels for suspended ceilings and selected wall applications. Designed to absorb reflected sound and help control room reverberation. Available with different edge profiles, decorative facings and customized configurations.

METRIC & IMPERIAL DIMENSIONS

System	Actual panel size	Nominal grid / center-to-center module
Metric	594 x 594 mm	600 x 600 mm
Metric	594 x 1194 mm	600 x 1200 mm
Imperial	605 x 605 mm	24 x 24 in (approx. 610 x 610 mm)
Imperial	605 x 1210 mm	24 x 48 in (approx. 610 x 1220 mm)

Actual panel dimensions and nominal grid modules are different. Fit depends on the grid profile, edge geometry and installation tolerance. Imperial-size panels must be checked against the specific project grid.

TECHNICAL SPECIFICATIONS

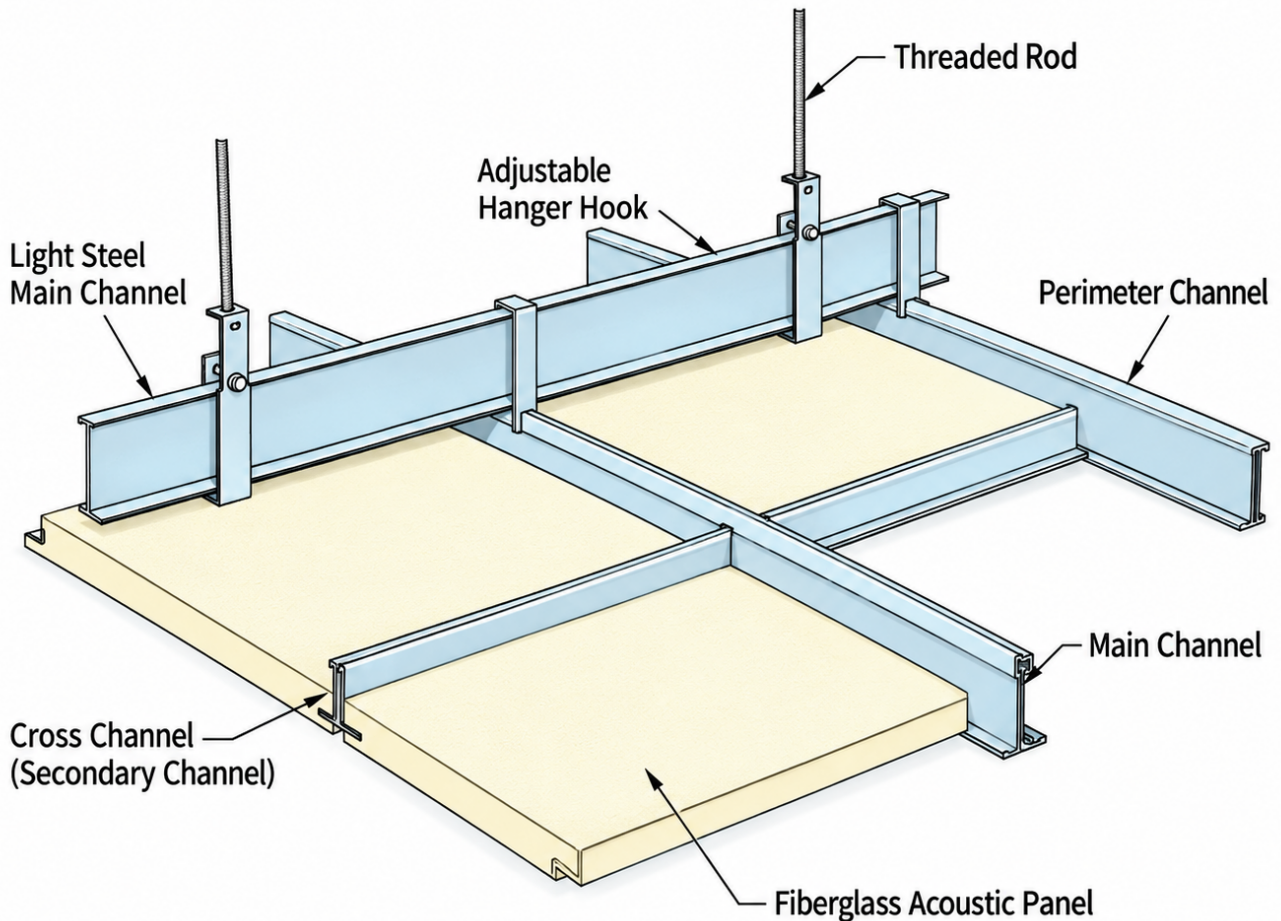
Item	Specification / availability
Acoustic core	Fiberglass
Sound absorption	NRC 0.90-0.95 for selected tested configurations
Fire performance	A1 classification for applicable tested products
Typical thickness	20-40 mm; product-specific and customizable
Edge profiles	Square, recessed, concealed-grid and custom
Finish / color	Decorative facing; white, black, gray and custom options
Installation	Compatible exposed / concealed suspended ceiling systems
Moisture performance	Moisture-resistant options; conditions and limits vary
Supply	Wholesale, project orders, OEM/ODM

Tested performance is dependent on the exact construction, facing, thickness and mounting conditions. Request the relevant test report before specification.

Suspension & Edge Detail

Illustrative concealed-grid installation arrangement supplied as a product reference. Not a dimensioned construction or load-bearing drawing.

Suspended Ceiling System



Illustrated components

- Threaded Rod - vertical suspension member
- Adjustable Hanger Hook - adjustable support connection
- Light Steel Main Channel - primary carrying member
- Main Channel / Cross Channel - supporting grid members
- Perimeter Channel - edge support
- Fiberglass Acoustic Panel - recessed-edge panel

For metric and imperial projects, confirm the approved panel cut size, grid center-to-center dimensions, recessed-edge engagement, hanger spacing, fixing details and allowable loads with the installation-system supplier.

Production & Project Supply

Reference photographs from acoustic-core processing, panel production and handling.



Acoustic-core processing | Roller-line handling | Cut panel stacking

APPLICATIONS

Offices, meeting rooms, classrooms, libraries, shopping centers, hotels, public buildings and suitable architectural interiors.

OEM/ODM & ORDERING INFORMATION

Available customization includes panel length and width, thickness, edge geometry, color, facing, labeling and packaging. Please provide: (1) metric or imperial grid standard, (2) actual grid specification, (3) required edge profile, (4) panel thickness, (5) target performance reports, (6) order quantity and destination.

IMPORTANT TECHNICAL NOTES

NRC describes sound absorption, not airborne sound insulation. Moisture resistance and sag resistance depend on the specific product and service environment. Fire classifications must correspond to the supplied tested construction. This document is an overview and does not replace approved project drawings or certified test reports.

REQUEST SAMPLES OR A QUOTATION

Website: www.tzxh-material.com

Product: txzh-material.com/product/fiberglass-acoustic-panels/

Email: project@txzh-material.com