Suspended Fiberglass Acoustic Baffles

40 mm thickness | 150-400 mm panel height



VERTICAL SOUND ABSORBERS

Fiberglass panels suspended below the ceiling to address room reflections and reverberation. Panel length, spacing, suspension drop and fixing positions are confirmed against project drawings.

Finish options
Fabric: colour, texture and wrapping.
Paint: coating system and colour.
Wood grain: pattern, colour and grain direction.

Approve a physical sample before production. Specify the finish on both faces, bottom edges and panel ends.

Figure 1. Site installation reference supplied by XIAO HENG. Project location and measured acoustic results are not specified.

PARAMETER	SPECIFICATION / CONFIRMATION
Core and orientation	Fiberglass; vertically suspended
Standard thickness	40 mm between the two broad faces
Panel height	150-400 mm vertical panel depth; excludes suspension drop
Length and shape	Confirmed against approved project drawings
Mounting systems	Spiral anchors; or embedded aluminium strips with perforated channels
Acoustic performance	Configuration-specific test data required; no universal NRC assigned
Fire documentation	Confirm classification for the specified finished construction

For offices, schools, dining areas, circulation spaces and other indoor projects. Review dust, moisture, impact exposure and cleaning requirements before specification.

Mounting 01: Spiral Anchors

Individual cable suspension for vertical baffles

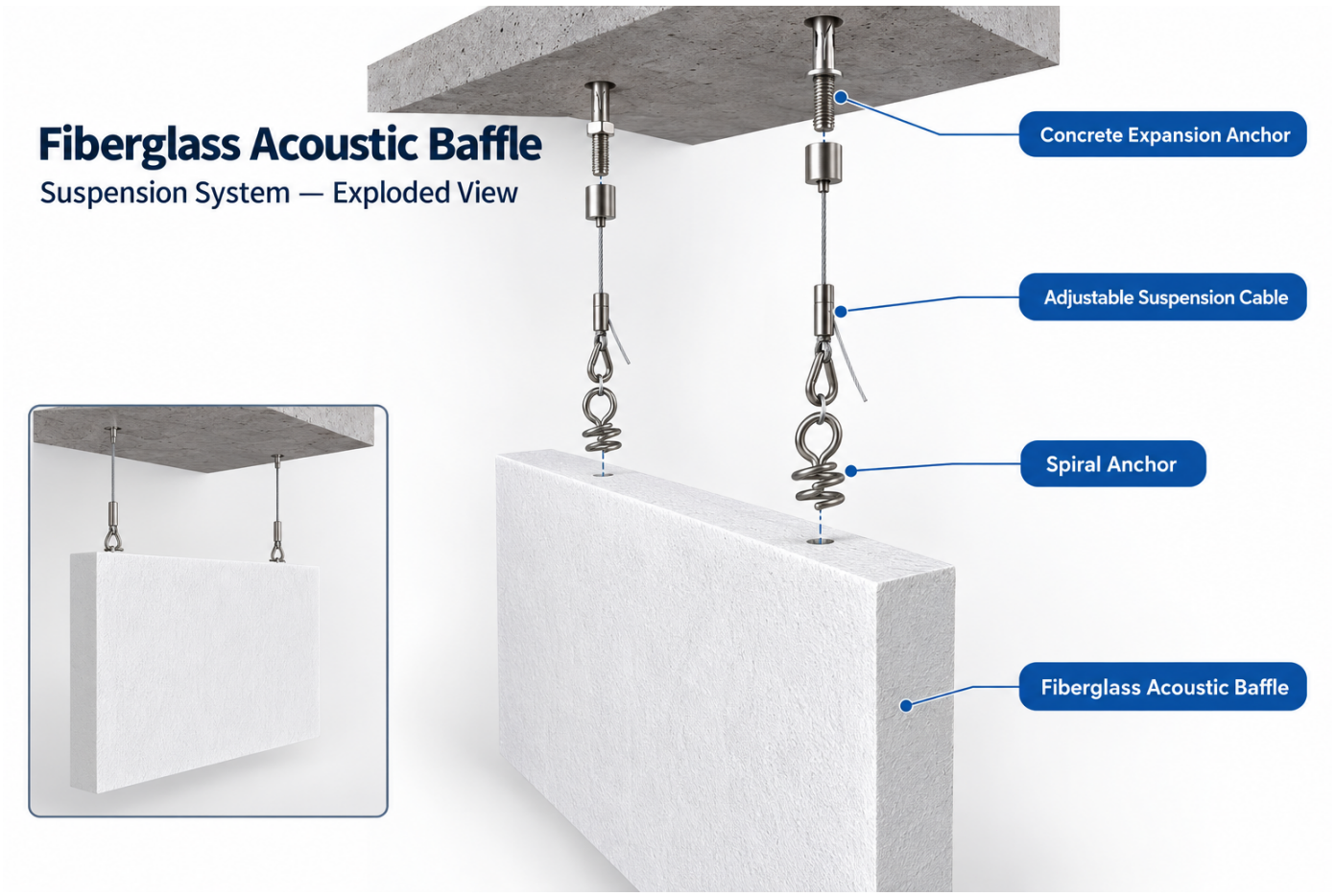


Figure 2. Illustrative cable and spiral-anchor arrangement. Not to scale; fixing quantities and dimensions are project-specific.

CONNECTION & INSTALLATION SEQUENCE

01 - Review: Confirm the substrate, panel weight and approved fixing positions.
02 - Anchor: Install the specified overhead anchors for the substrate and loads.
03 - Connect: Assemble cables and the approved panel-side spiral anchors.
04 - Align: Set suspension drop and bottom elevation; verify engagement.

CONNECTION LIMITS

Confirm spiral-anchor compatibility, engagement and pull-out capacity for the selected fiberglass core and finished panel. A 40 mm thickness does not establish fixing capacity. The two points illustrated do not prescribe a universal fixing quantity.

ACOUSTIC & SERVICE COORDINATION

Request test data matching panel dimensions, finish, quantity, spacing and mounting conditions, including absorption per object where reported. Coordinate lights, ventilation, sprinklers and maintenance access before installation.

Mounting 02: Embedded Strip

Aluminium strip connection to a perforated mounting channel

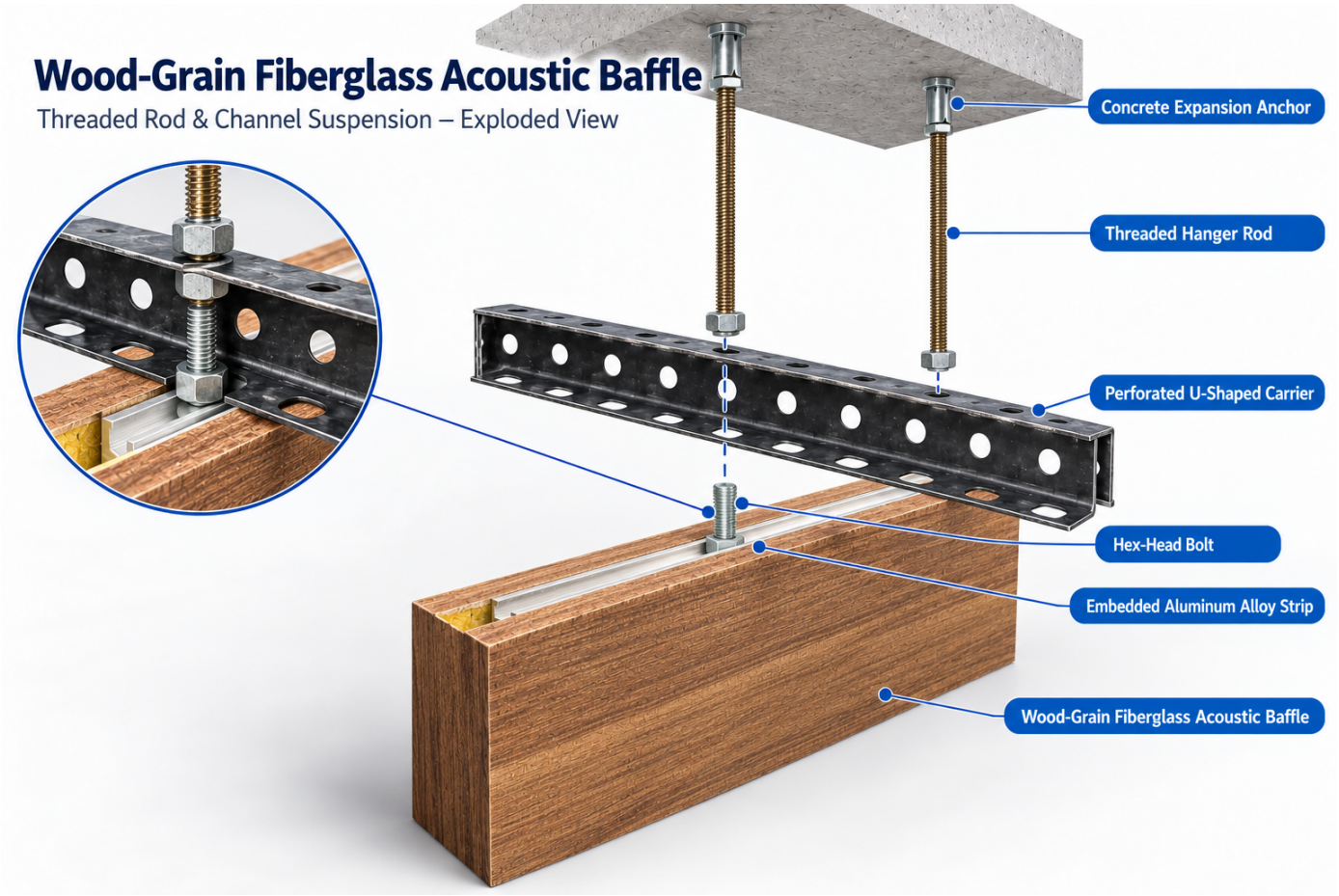


Figure 3. Wood-grain baffle and channel connection concept. The carrier crosses the panel length; final connection details require approval.

ASSEMBLY REVIEW

Overhead anchor > threaded rod > perforated channel > specified fasteners > embedded aluminium strip > baffle. Confirm rod spacing, channel spans, fasteners, locking nuts and strip position. Do not derive load ratings or hardware dimensions from the illustration.

DRAWING & SAMPLE APPROVAL

Confirm 40 mm thickness, 150-400 mm panel height, length, quantity, row spacing and suspension drop. State whether spacing means a clear gap or centre-to-centre distance. Approve colour, grain direction, edges and connection samples before production.

Ordering: Send drawings, finish references, quantities, destination, required acoustic/fire standards and delivery schedule. Sampling, MOQ and lead time are quoted for the confirmed specification.

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