

DOCUMENT

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ISSUED

May 2026
For client review

PERFORMANCE SPECIFICATION — CSI 12 61 00

Quattro Plyform Series

Hardwood character. School-grade durability. 11-ply maple, full chassis.

MANUFACTURER	CSI SECTION	SEAT / BACK	WARRANTY
Hussey Seating Co. Est. 1835	12 61 00 Audience seating	11-ply hardwood maple-veneer outer	Limited Lifetime structural

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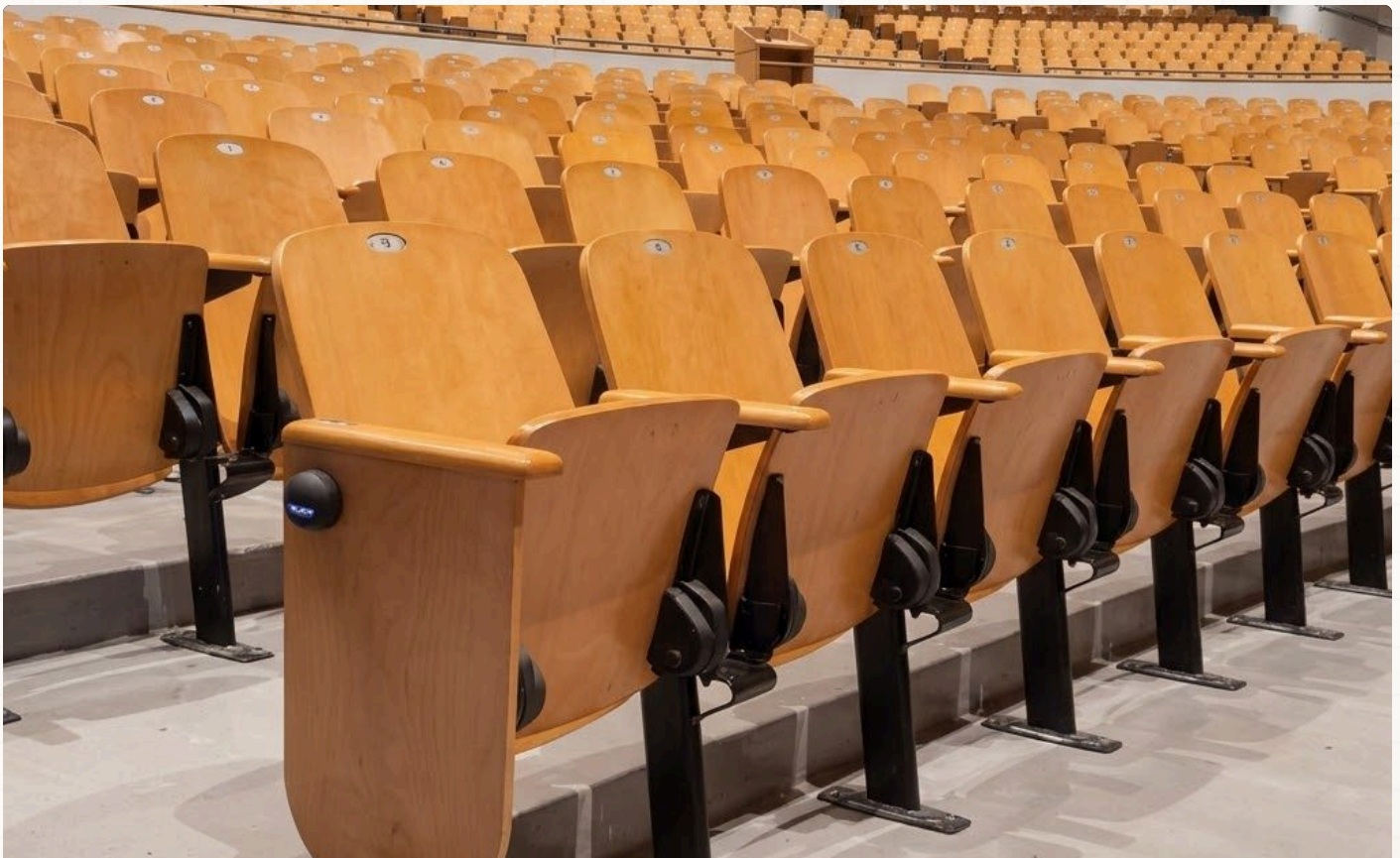
COVER

SCHOOL / CIVIC / WORSHIP

Hardwood character with school-grade durability — for venues that want the warmth of wood without the upholstery maintenance overhead.

11 separate laminations of hardwood — outer veneers in maple — form both seat and back, with uniformly routed edges and a urethane top coat. The wood is the finish — no upholstery to repair, no exposed plywood to splinter.

Built on the Quattro Collection chassis — **600 lb (272 kg) seat static load, 350,000 cycles** certified, **Whisper Quiet** spring return or **Gravity Fold** seat return. Back shape and height fixed; pitch and pad fully selectable.



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Venues Quattro Plyform is built for

VENUE TIER	RECOMMENDED CONFIGURATION	WHY IT FITS
Public-school auditorium	K-12 or post-secondary, dual-use assembly + drama + community	Warm wood read at school-grade durability; routed edges resist chipping
Civic / municipal hall	Council chamber, library auditorium, civic recital	Heritage hardwood character; supports identification and donor hardware
House of worship	Sanctuary or hall, traditional aesthetic with high traffic	Gravity Fold for near-silent operation; waterfall front edge
University lecture hall	New build or retrofit; dual-use lecture / performance	Tablet arm support (T1 / T2M); 350,000-cycle certified platform

Anchorage & Quattro Collection chassis

Quattro Plyform is **floor-anchored fixed audience seating** — Tubular Steel stanchions anchor directly to the structural floor; row geometry, pitch, and aisle layout are engineered per venue.

Built on the Quattro Collection chassis — **600 lb (272 kg) seat static load, 350,000-cycle certified** seat return. Plyform's menu is built around the hardwood — back shape and height fixed, pitch and pad fully selectable.

— Configuration menu

— back shape Soft Square only · back height **33" (838 mm) only** · pitch 12° / 15° / 18° / 21° (full range) · seat / back upholstery *not offered on the wood panels*.

— End panels

— plastic-laminate or polymer standard; full wood end panels available as a configuration option.

Two seat-return mechanisms across the Quattro Collection. Specify at order entry.

RETURN	HOW IT WORKS	RIGHT FOR
Whisper Quiet (Spring)	Pneumatic-dampened spring return; 350,000-cycle certified — engineered for acoustic-sensitive venues.	University lecture halls, civic recitals, premium worship sanctuaries.
Gravity Fold	Counter-balanced gravity return; mechanically simple, no pressurized components.	K-12 auditoria, community halls, high-traffic worship spaces.

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OPTIONS & ACCESSORIES

Options & finish

Plyform stain

Manufacturer's standard colour range, minimum two coats **urethane top coat** — the wood is the finish.

Polymer / paint colours

5 standard finishes on stanchions — Platinum · Sand · Titanium · Slate · Graphite.

End panels

Plastic-laminate or polymer standard; **full wood end panels** available as a configuration option.

Armrests & accessibility

Polymer, hardwood, or upholstered. **Easy Access flip-up arm**. **Transfer Arm End** for barrier-free transfer. **Removable Chair Base** for in-row wheelchair positioning.

Tablet arms

T1 · T2M Folding Laptop · T2M Reduced Row Spacing — panic-proof under egress load.

Identification & branding

Lexan seat numbers in 5 finishes including photoluminescent Ecoglo · cast logos · donor plates.

Power & integration

Quick-Link Power & Data — Tubular Steel intermediates support · **LED aisle lighting** (Beacon or Strip, UL Low-Voltage Luminaire).

Sustainability

Solid-core Plyform panels use resins **free of added urea-formaldehyde** — meets USGBC, LEED, and BIFMA requirements; supports LEED Materials & Resources and Indoor Environmental Quality credits.

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CODES, STANDARDS & WARRANTY

NFPA 102 · 350,000 self-rising cycles, no lubrication required · CSA B651 + BCBC 2024 §3.8 / NBC 2020 §3.8 (Canadian barrier-free) · CWB W47.1 · UL Low-Voltage Luminaire. Eligible under **Canoe Procurement Group #081523-HSC.**

Backed for the long term

Limited Lifetime on structural standards, cast seat supports and brackets, seat-return springs, and the beam-and-bracket assembly. **5 Years** on chair mechanisms, electrical, upholstery stitching, and surface finishes (wood veneer, stain, urethane) — labour included the first five years. Named on Hussey Seating Company's **Interior Fixed Seating Collections warranty** (Sept 2025 Rev. 1), covering Metro, Gallery 3, Fusion, Legend, Quantum, and Forte. Hussey-approved installation required; **service administered locally by TaLedi.**

Submittal

Full submittal package — test reports, anchor compliance, flammability documentation, and shop drawings — lives in the formal **Quattro Plyform Series Performance Specification** filed under **CSI Section 12 61 00**. Available on request from TaLedi.

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Project-specific dimensions and configurations are subject to site survey and engineering review.