



BUILDING PRODUCTS STRUCTURAL TESTING

ACCREDITED TESTING FOR WALL PANELS, FLOOR
DIAPHRAGMS, AND ANCHORS

If your wall system, floor panel, or anchor product needs code compliance data, QAI's Rancho Cucamonga, CA lab runs the full structural test program from sampling through final report.

We test to the ASTM standards code officials and evaluation agencies require, so your product data holds up during review.

WHAT WE TEST

QAI tests wall panels for racking shear, axial, and transverse loads (ASTM E72, E564), and for cyclic seismic performance (ASTM E2126). We test floor and roof diaphragms for shear capacity and stiffness (ASTM E455), and anchors in concrete and masonry for tensile and shear strength (ASTM E488). Reports support ICC-ES evaluation reports, LARRs, IAPMO UES, and QAI Code Evaluation Reports (CER).

HOW YOU BENEFIT

- Axial compression tested to 100,000 lbs; racking shear tested to date up to 65,000 lbs
- Reports formatted for ICC-ES, LARR, IAPMO UES, and QAI CER submissions
- In-house certification and listing services under one program
- Custom test setups for non-standard specimen sizes and loading protocols

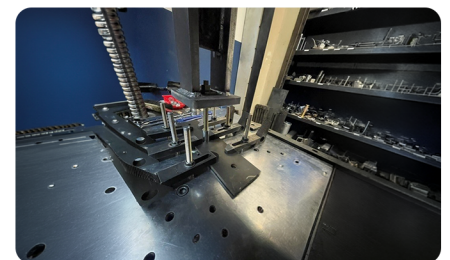
Contact us at info@qai.org for your structural testing quote.



Racking shear testing establishes
wall panel design values



Floor diaphragm shear capacity
for structural design data



Anchor tensile strength testing
in concrete and masonry

About QAI

Founded in 1995, QAI is a testing, inspection, and certification body (CB) that holds accreditations with IAS and the Standards Council of Canada (SCC), and is recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL). From initial planning through final approval, QAI provides a structured and efficient certification process.