



ICC
EVALUATION
SERVICE®

Comprehensive Building Product Evaluation Service



Evaluation Service Report (ESR) Program

icc-es.org/evaluation-report-program/aus-nz/

An ICC-ES ESR on a specific building product represents an independent evaluation of how the product meets performance and prescriptive provisions in the New Zealand Building Code (NZBC) and Building Code of Australia (BCA). An ESR can be extended in scope to include evaluation for markets in North America and other parts of the world.

What's included in an Evaluation Service Report?

- Information on the product report holder
- A description of the building product and its intended uses
- The code provision(s) that were used to evaluate the product
- Instructions that identify requirements for proper installation
- List of data that were used including test report and analysis
- Any limitations in the application of the building product



Look for
the mark!

ICC-ES Can Test and Certify:

- Fasteners, Doors/Windows, Roofing Materials
- Concrete Anchors, Air, Water & Vapor Barriers, Wall Systems
- Manufactured Wood, Cladding, Flooring/Deck Systems
- Plastic Lumber, Wall Coverings, Plumbing Products
- Active and Passive Fire Protection Products

And many more!

ICC-ES accepts relevant test reports from appropriately accredited (ILAC recognised) test laboratories.

Innovative Design Solutions

Just as ESRs can be used to demonstrate compliance with the NCC and NZBC for innovative building products, it may also be possible for innovative building and hydraulic system designs (ie where there is no Deemed to Satisfy Provision (Australia) or Acceptable Solution (New Zealand) to use content from the International Codes (I-Codes), developed by the International Code Council, as input to the development of unique solutions.

The I-Codes contain more prescriptive content than either the NCC or NZBC. Through its Family of Solutions, the ICC can provide technical expertise regarding the equivalence of relevant I-Code content for the purpose of the designer developing a Performance Solution (Australia) or Alternative Solution (New Zealand) to demonstrate compliance with the Performance Requirements of the local codes.



Acceptance Criteria

icc-es.org/evaluation-report-program/acceptance-criteria/

ICC-ES Acceptance Criteria (AC) are the solution for innovative building product evaluations.

When manufacturers bring innovative building products to market, ICC-ES AC can be developed to evaluate them when no applicable standard exists.

ACs are technical documents written by ICC-ES industry experts. They outline the precise standards and testing methodologies employed in assessing novel building components, materials, and products.

Scan or click QR code to see the extensive list of approved ACs developed by ICC-ES to facilitate market-entry for innovative products.



See Approved
Acceptance
Criteria (AC)

Off-site Construction

solutions.iccsafe.org/off-site

The ICC Family of Solutions can provide manufacturers with evaluations for off-site construction, which involves processes to design, fabricate and transport building elements off-site for fast, safe and efficient on-site assembly.

ICC/MBI Standard 1200 provides the off-site construction industry with the requirements for the safe and efficient deployment of off-site construction projects.

ICC-ES provides product evaluations for multiple components used in off-site construction including self-contained modules/ pods, shipping containers and sandwich panels, and can work with other innovative technologies to support wider use in the market.

Environmental Product Declarations

icc-es.org/environmental-program

Environmental Product Declarations (EPDs) are designed to meet the global market demand for science-based, transparent, quality assured information about product environmental performance.

EPDs are rapidly becoming a key component of the material selection process, particularly in the building sector.



The Process

An EPD draft is first produced by the manufacturer's life cycle assessment (LCA) practitioner from a comprehensive LCA study governed by the requirements from the appropriate Product Category Rules (PCR). It is then independently verified and issued by a Program Operator, like ICC-ES.

ICC-ES expert engineers can guide a manufacturer through the process from start to finish.

Marketing Claim Verification (MCV) Program

icc-es.org/esv

ICC-ES offers a Marketing Claim Verification Program to help manufacturers better educate consumers on the efficacy of their building and plumbing products.

Through the program, manufacturers can work hand-in-hand with ICC-ES to verify their products' marketing claims through an objective and impartial process.

Building Materials

- Windows (e.g. R values, impact and thermal properties, STC ratings)
- Insulation (e.g. R values, STC ratings)
- Sealants and Adhesives (e.g. curing times, bond strengths, temperature ranges, STC ratings)
- Anchors and Fasteners (e.g. installation speed, curing times, bond strengths, temperature ranges, corrosion resistance and coating performance)

and many more!

ES Marketing Claim Verification

Once a marketing claim has been verified by ICC-ES, a Marketing Claim Verification Report with a unique Verification Number (ESV #) will be issued and published at icc-es.org/esv-directory.

The ESV # can be used alongside a company's marketing claim.



Global Certification

icc-es.org/global

Global service expansion by ICC-ES addresses conformity assessment requirements in countries worldwide.

Conformity assessment is critical to safety for owners and occupiers of buildings around the world. Regulators and consumers expect the safety, suitability, quality, economy, reliability and performance of a building product to be examined through independent and rigorous assessment.

ICC-ES is accredited as a product certification body under ISO/IEC 17065 by ANSI National Accreditation Board (ANAB), the American Association for Laboratory Accreditation (A2LA), the Standards Council of Canada (SCC), the Entidad Mexicana de Acreditación A.C (ema), and many more.

These 3rd party certifications of our evaluation and listing programs provide evidence that ICC-ES meets the highest standards of operation and impartiality.

Certificate holders can benefit from building certifications for multiple geographies while maintaining the same quality service provider.

Scan the code to access the Global Conformity Assessment Guide.



The graphic features the ICC-ES logo (International Code Council Evaluation Service) at the top left. Below it, the text reads: 'BUILDING SAFETY, BUILDING CONFIDENCE WORLDWIDE' and 'Global Product Approval through Quality Conformity Assessment'. On the right side, there are two Australian flags. At the bottom, a smartphone displays a QR code with the text 'SCAN ME' below it. The background of the graphic includes a city skyline and a globe.

Global Certification

icc-es.org/es-global

ICC-ES can expand your business and tap into new markets with reliable expertise that simplifies certification for markets around the world. ICC-ES has customers in 60 countries worldwide and can provide Evaluation Service Reports (ESRs), Evaluation Service Listings (ESLs) and other product evaluation solutions to meet your needs.



United States

ICC-ES provides ESRs and ESLs for a variety of building products across the US, including specialized supplements to state and regional codes.



Canada

ICC-ES is one of the few qualified entities accredited by the Standards Council of Canada (SCC) to evaluate building products to the National Building Code of Canada (NBC).



Mexico

ICC-ES PMG is accredited to certify plumbing and mechanical products to Official Mexican Standards (NOMs) and Mexican Standards (NMXs).



United Arab Emirates

ICC-ES is an approved international certification body for the Civil Defense Authority of the United Arab Emirates and can evaluate to the Abu Dhabi International Building Codes (ADIBC).



Saudi Arabia

Obtain proof of compliance to the Saudi Building Code (SBC) with an ESR. ICC-ES has been granted notified body status by SASO, and can provide product certifications for several product categories under the Type 3 Scheme of the SALEEM product safety program.



Europe

ICC-ES works closely with the European Organisation for Technical Approvals (EOTA) and has affiliate and observer status. This allows for streamlined product evaluation for global manufacturers.



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World Leaders in Building Safety

The International Code Council is the leading global source of model building codes (I-Codes), and building safety solutions that include niche standards, product evaluation, technical consulting services and training. As a subsidiary of ICC, ICC Evaluation Service (ICC-ES) is the industry leader in performing technical evaluations of building products, materials and systems for code compliance.

Family of Solutions

Our building safety solutions can be adapted for use in all jurisdictions and are used to provide safe, sustainable, affordable and resilient communities and buildings worldwide.

Australia and New Zealand Certifications

With over 90 years of experience, ICC-ES has introduced its premier one-stop service for building product and systems evaluation that can demonstrate compliance with the NCC and NZBC, and can help address product conformity pain points in the local markets.



INTERNATIONAL
CODE COUNCIL®

A subsidiary of

Total Conformity Assessment Solutions®