

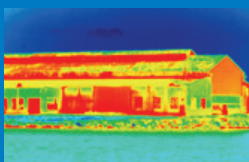
NEW

CertaSEAL INT™



CertaSeal INT™ A new air sealing solution

Meet stricter requirements for airtightness



Thermal image of an under-insulated and poorly air-sealed home

CertaSeal INT™ is a new water-based, liquid acrylic, spray-on air sealing solution that provides code-compliant airtightness. Use it to fill and seal any void, crack or penetration in a residential building envelope to help reduce air leakage in and out of the home.

As building codes become stricter and more complex with respect to airtightness, contractors and builders require better, more effective solutions. CertaSeal INT™ achieves airtightness requirements for the life of the home – and helps limit air exchange long term. It also improves energy efficiency, indoor air quality and acoustical comfort for customers and buyers.

Over time, more states are adopting IECC 2015, 2018 or even stricter standards for airtightness. Be better prepared with CertaSeal INT™.

Climate Zone	2009 IECC	2012/2015/2018 IECC
1-2	< 7 ACH @ 50 pascals	≤ 5 ACH @ 50 pascals
3-8	< 7 ACH @ 50 pascals	≤ 3 ACH @ 50 pascals

IECC Standards, 2009 vs. 2012/2015/2018 – air change per hour (ACH) by climate.

CertaSeal INT™ is not an insulating material and has no R-value properties; use in combination with separate insulation product or system.

Features and Benefits

For Contractors and Builders

Easy Application

Single-pass application dries quickly; bright blue color provides easy visibility.

Superior Performance

Excellent wood adhesion – stays in place. Gets in hard-to-reach areas where canned spray foam can't.

Meets Airtightness Requirements

Measure up to more stringent codes for air exchange – for the life of the home, not just day one.

Safe, No PPE Required

No special PPE or air supply required. Zero VOCs or off-gassing during installation.

Quick Start, Minimal Training

Time-saving, quick and easy install – requires just a standard paint sprayer.

For Customers and Buyers

Improved Energy Efficiency

Reduces HVAC/mechanical load.

Fewer Health Concerns

Reduces air infiltration of outside offenders (allergens, pollutants and pests).

Better Comfort

Lessens noise/sound transmission for a quieter home.

CertainTeed
SAINT-GOBAIN

The CertaSeal INT™ Solution

The Sealant

- Fast-drying, water-based premixed acrylic latex
- Effectively seals all penetration points and joints in residential building envelope and stud/drywall interfaces
- Class A fire rating (ASTM E84)
- Excellent wood adhesion (passes ASTM D4541) - no pulling back, shrinking or cracking
- Covers hard-to-reach and hard-to-fill areas inaccessible to canned spray foam
- Blue color for easy-to-see application
- 18-month shelf life
- One 32 lb. pail of CertaSeal INT™ is enough for 2,000 linear feet when installed in a ¼-inch bead

The Equipment

- Standard professional paint sprayer and gun (not supplied) recommended:
 - Graco Contractor Series 795 Airless Paint Sprayer (or equivalent) with hoses no longer than 50 ft. and
 - Graco 313, 315, 413, or 415 tips (or equivalent)
 - Sprayer pressure: 2200 psi
- Standard, approved safety goggles/glasses, chemical-impervious gloves (Neoprene, Nitrile), and NIOSH-certified respirator with efficiency of N95 or higher (applicable only in case of insufficient ventilation)

The Application

- Ensure all application surfaces are oil, grease, dust and debris free before starting
- Spray in a single pass (¼-inch bead) around joists, sills, recessed fixtures, duct boots and anywhere else air can leak through the building envelope
- Allow 24 hours to dry before installing any wall finishing with direct contact to the sealant
- Interior application only - for new construction and retrofits

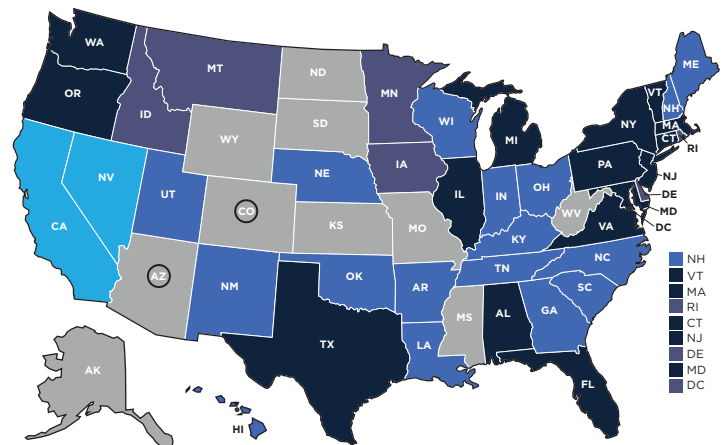
THE RESULTS

A home that meets all airtightness code requirements is more energy efficient and provides better indoor air quality and acoustics to buyers.



RESIDENTIAL ENERGY CODE ADOPTION

Source: Building Codes Assistance Program (BCAP)



This map shows effective statewide residential energy codes as of November 2018

- Meets or exceeds the **2018 IECC** or equivalent (2)
- Meets or exceeds the **2015 IECC** or equivalent (17)
- Meets or exceeds the **2012 IECC** or equivalent (8)
- Meets or exceeds the **2009 IECC** or equivalent (16)
- No statewide code or precedes the 2006 IECC (12)
- Home-rule states with significant local adoptions

For more information, visit CertainTeed.com/CertaSeal



CertainTeed Corporation

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