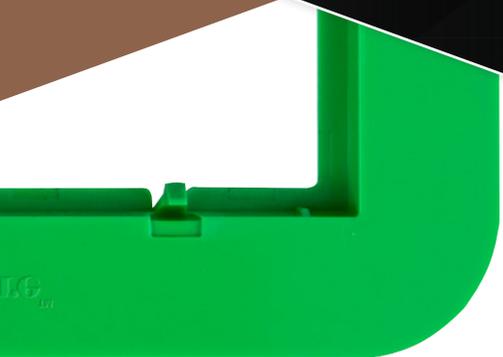




DRAFTSEAL™



**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

SOUTHWIRE.COM



CREATING ENERGY EFFICIENT HOMES

There is a growing trend among home owners and future home owners to have their houses built for high energy efficiency.

The 2015 International Energy Conservation Code is designed to provide up-to-date energy conservation provisions for residential and commercial buildings.

It addresses building envelope requirements for thermal performance and air leakage.

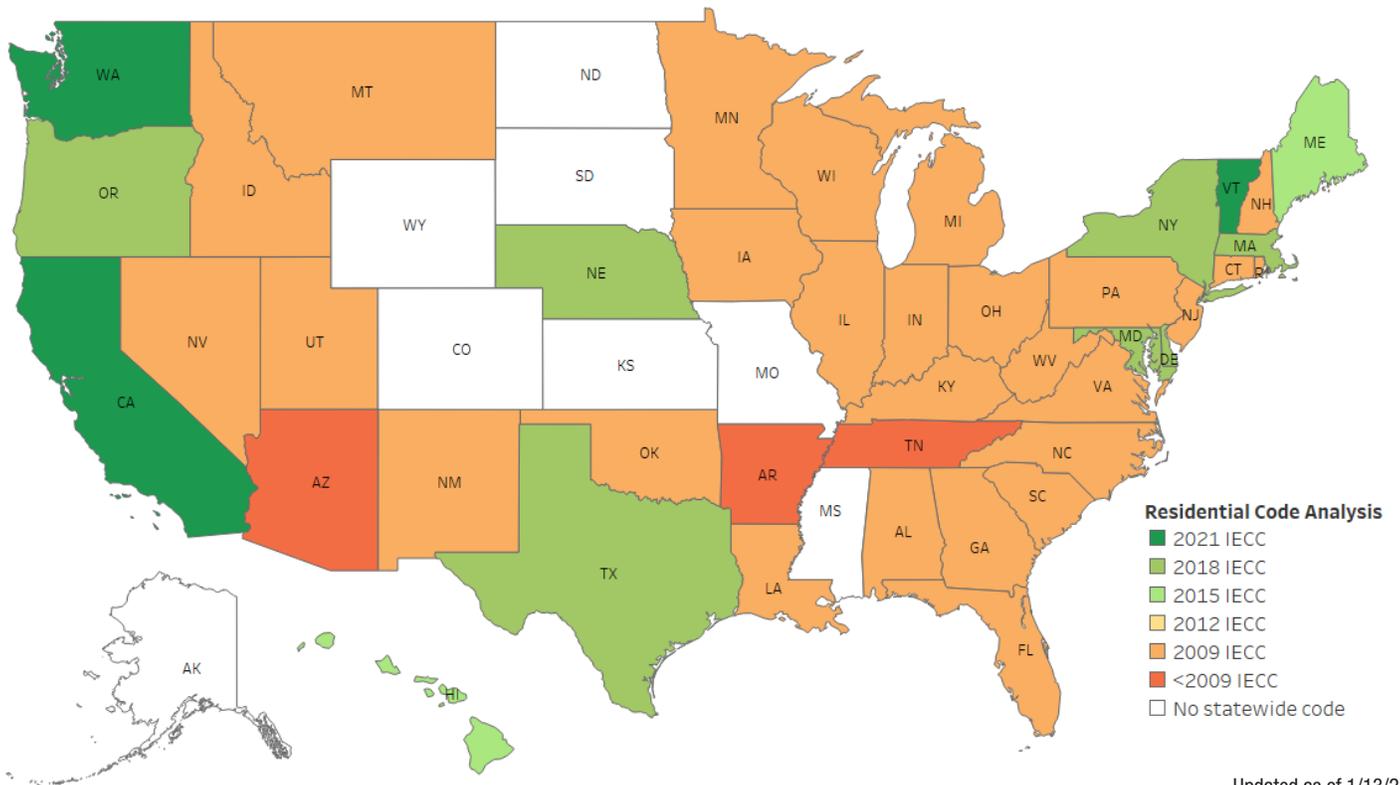
THE IECC IS THE NATIONAL MODEL ENERGY CODE

The International Energy Conservation Code (IECC) is a building code adopted by many states and municipal governments in the United States for the establishment of minimum design and construction requirements for energy efficiency.

Versions of the IECC are in effect in more than 40 states.

It alone is referenced in the U.S. Code (federal law), federal regulations, LEED, and many other state and federal programs. The IECC is also reprinted in the International Building Code, substituting as its energy chapter.

RESIDENTIAL BUILDINGS



Updated as of 1/13/22

WHEN PLACING AN ORDER, PLEASE INCLUDE THE FOLLOWING:

- Product stock number
- Quantity desired of each unit



BUILDING THE THERMAL ENVELOPE

R402.4 Air Leakage (Mandatory)

The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.4.

R402.4.1 Building Thermal Envelope

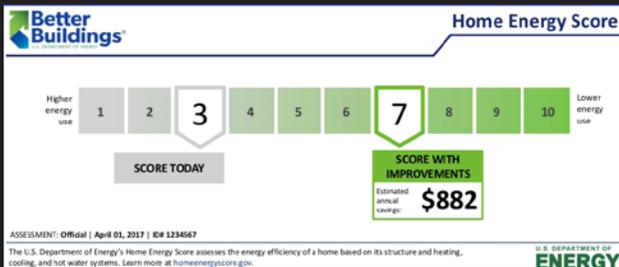
The building thermal envelope shall comply with Sections R402.4.1.1 and R402.4.1.2. The sealing methods between dissimilar materials shall allow for differential expansion and contraction.

Table R402.4.1.1

Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.
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DEPARTMENT OF ENERGY'S HOME ENERGY SCORE

The Home Energy Score is similar to a vehicle's miles-per-gallon rating. It helps homeowners and homebuyers understand how much energy a home is expected to use and provides suggestions for improving its energy efficiency, thus saving money, by adding insulation, sealing air leaks or doing other upgrades. It also allows homeowners to compare the energy performance of their homes to other homes nationwide.



WHAT IS A BUILDING ENVELOPE?

A building envelope is the physical separator between the conditioned and unconditioned environment of a building including the resistance to air, water, heat, light, and noise transfer. It includes all exterior walls, the roof and foundation. Air will leak through a building envelope that is not well sealed, decreasing comfort by allowing moisture, cold drafts, and unwanted noise to enter. In addition, air leakage accounts for between 25 percent and 40 percent of the energy used for heating and cooling in a typical residence.



Southwire®



DRAFTSEAL™

Look for the green seal! According to energy.gov “The potential energy savings from reducing drafts in a home may range from 5% to 30% per year.” Past methods include messy caulk or expensive boxes. Southwire’s DraftSeal™ Box Accessory is a simple, cost-effective way to achieve the same results! Simply snap it onto a standard nonmetallic box, and attach the enclosed seal on the back. The green ring remains visible after dry wall install. Our fast, easy method complies with the IECC building code requirements for thermal performance and air leakage, reducing drafts coming in through outlets, vapors that cause mold inside walls, and sound transmission through walls.

PRODUCT FEATURES

WORKS WITH MOST STANDARD NONMETALLIC BOXES,
INCLUDING SHALLOW AND DEEP VARIATIONS
GREEN RING IS IDENTIFIABLE AFTER DRY WALL INSTALL
ELIMINATES THE NEED FOR CAULKING AND SEALANTS
COMPLIES WITH IECC & LEED ENVELOPE SEALING

PRODUCT SPECIFICATIONS

MODEL #	DESCRIPTION
MDSK1G	1-Gang Box Accessory Kit
MDSK2G	2-Gang Box Accessory Kit
MDSK3G	3-Gang Box Accessory Kit
MDSK4G	4-Gang Box Accessory Kit
MDSKRC	Ceiling Box Accessory Kit



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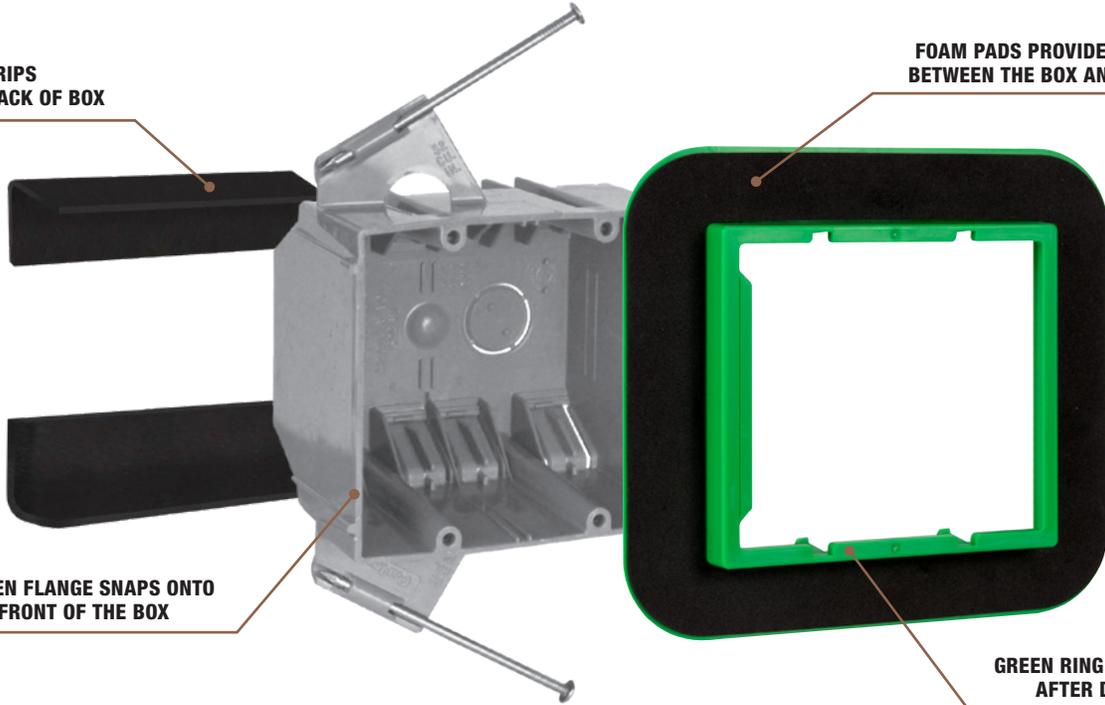
Southwire®

FOAM GASKET STRIPS
ADHERE TO THE BACK OF BOX

FOAM PADS PROVIDE A SEAL
BETWEEN THE BOX AND WALL

GREEN FLANGE SNAPS ONTO
THE FRONT OF THE BOX

GREEN RING REMAINS VISIBLE
AFTER DRY WALL INSTALL



IDEAS WELCOME

WHO KNOWS? MAYBE THE NEXT GREAT INVENTION WILL BE YOURS!

At Southwire, innovation is what we do. But we couldn't do it without you. You're out in the field every day. You know what works and what doesn't. And we're sure that at some point or another you've said to yourself,

"I HAVE A GREAT IDEA. I COULD DO THIS BETTER."



SCAN TO LEARN HOW
TO BRING YOUR IDEA TO LIFE THROUGH
THE SPARKS INNOVATION CENTER



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