

SB3758



103RD GENERAL ASSEMBLY

State of Illinois

2023 and 2024

SB3758

Introduced 2/9/2024, by Sen. Bill Cunningham

SYNOPSIS AS INTRODUCED:

20 ILCS 3125/15

Amends the Energy Efficient Building Act. Provides that the Capital Development Board shall adopt specified provisions into the Illinois Energy Conservation Code concerning insulation in an unvented attic and an unvented enclosed rafter assemblies.

LRB103 37459 MXP 67581 b

A BILL FOR

1 AN ACT concerning State government.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Energy Efficient Building Act is amended by
5 changing Section 15 as follows:

6 (20 ILCS 3125/15)

7 Sec. 15. Energy Efficient Building Code.

8 (a) The Board, in consultation with the Agency, shall
9 adopt the Code as minimum requirements for commercial
10 buildings, applying to the construction of, renovations to,
11 and additions to all commercial buildings in the State. The
12 Board, in consultation with the Agency, shall also adopt the
13 Code as the minimum and maximum requirements for residential
14 buildings, applying to the construction of, renovations to,
15 and additions to all residential buildings in the State,
16 except as provided for in Section 45 of this Act. The Board may
17 appropriately adapt the International Energy Conservation Code
18 to apply to the particular economy, population distribution,
19 geography, and climate of the State and construction therein,
20 consistent with the public policy objectives of this Act.

21 (b) The Board shall adopt the following provisions into
22 the Illinois Energy Conservation Code: insulation in unvented
23 attics and unvented enclosed rafter assemblies and insulated

1 and air sealed with air impermeable R-30 insulation, with a
2 maximum U-Factor of 0.038, are deemed to meet the requirements
3 of Section R402 of the Illinois Energy Conservation Code with
4 all of the following requirements:

5 (1) The house shall attain a blower door test result
6 less than 2.5 air changes per hour at 50 pascals.

7 (2) The house shall require a positive, balanced, or
8 hybrid whole house mechanical ventilation system that does
9 not rely solely on a negative pressure strategy.

10 (3) Where insulation is installed below the roof deck
11 and the exposed portion of roof rafters are not already
12 covered by the R-30 depth of the air-impermeable
13 insulation, the exposed portion of the roof rafters shall
14 be insulated by minimum R-3 unless directly covered by
15 drywall or finished ceiling. Roof rafters are not required
16 to be covered by minimum R-3 if a continuous insulation is
17 installed above the roof deck.

18 (4) Indoor heating, cooling, and ventilation
19 equipment, including ductwork, shall be inside the
20 building thermal envelope.

21 (Source: P.A. 102-444, eff. 8-20-21; 102-662, eff. 9-15-21;
22 102-813, eff. 5-13-22.)