

By: Harris

H.B. No. 3314

A BILL TO BE ENTITLED

AN ACT

relating to certain energy efficiency performance standards for residential construction.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Chapter 388, Health and Safety Code, is amended by adding Section 388.0045 to read as follows:

Sec. 388.0045. RESIDENTIAL BUILDING ENERGY EFFICIENCY PERFORMANCE STANDARDS FOR ATTIC AND RAFTER ASSEMBLIES. (a) This section applies only to residential construction.

(b) Notwithstanding any requirement contained in an energy code adopted under Section 388.003(a) or (b), or a local amendment adopted under Section 388.003(d), pertaining to the insulation of unvented attic or unvented enclosed rafter assemblies, a local jurisdiction shall consider an unvented attic or unvented enclosed rafter assembly to be in compliance with the requirements of the portion of the energy code administered and enforced by that local jurisdiction pertaining to the insulation of unvented attic or unvented enclosed rafter assemblies if:

(1) the attic or rafter assembly is insulated and air sealed with air impermeable insulation to an R-value of at least:

(A) 20 if the attic or rafter assembly is located in climate zone 2 or 3; or

(B) 26 if the attic or rafter assembly is located in climate zone 4; and

1           (2) the building in which the attic or rafter assembly  
2 is located:

3           (A) attains a blower door test result of less  
4 than 3.0 ACH50;

5           (B) has a mechanical ventilation system that does  
6 not rely solely on a negative pressure strategy;

7           (C) if insulation is installed below the roof  
8 deck and the exposed portion of the roof rafters is not already  
9 covered by air impermeable insulation to an R-value of at least 20  
10 or 26, as applicable, has the exposed portion of the roof rafters  
11 wrapped in insulation to an R-value of at least 3, except that the  
12 rafters are not required to be covered by insulation if:

13                   (i) the rafters are directly covered by  
14 drywall or finished ceiling; or

15                   (ii) continuous insulation is installed  
16 above the roof deck; and

17           (D) contains inside the building's thermal  
18 envelope the building's indoor heating, cooling, and ventilation  
19 equipment, including ductwork.

20           SECTION 2. This Act takes effect September 1, 2025.