

GG225-14
202 (New), 302.1, 508.1 (New)

Proponent: Tom Marks, Stego Industries LLC, representing Stego Industries, LLC; Ryan Goodwin (ryangoodwin@stegoindustries.com)

Add new definition as follows:

SECTION 202
DEFINITIONS

CONTINUOUS PHYSICAL FOUNDATION TERMITE BARRIER. An uninterrupted, non-chemical method of preventing ground termite infestation such as, but not limited to, aggregate barriers, stainless steel mesh, flashing, or plastic barriers.

Revise as follows:

302.1 Requirements determined by the jurisdiction. The jurisdiction shall indicate the following information in Table 302.1 for inclusion in its code adopting ordinance:

1. The jurisdiction shall indicate whether requirements for residential buildings, as indicated in Exception 1 to Section 101.3, are applicable by selecting “Yes” or “No” in Table 302.1. Where “Yes” is selected, the provisions of ICC 700 shall apply and the remainder of this code shall not apply.
2. Where the jurisdiction requires enhanced energy performance for buildings designed on a performance basis, the jurisdiction shall indicate a zEPI of 46 or less in Table 302.1 for each occupancy required to have enhanced energy performance.
3. Where “Yes” or “No” boxes are provided, the jurisdiction shall check the box to indicate “Yes” where that section is to be enforced as a mandatory requirement in the jurisdiction, or “No” where that section is not to be enforced as a mandatory requirement in the jurisdiction.

TABLE 302.1
REQUIREMENTS DETERMINED BY THE JURISDICTION

Section	Section Title or Description and Directives	Jurisdictional Requirements	
CHAPTER 5. MATERIAL RESOURCE CONSERVATION AND EFFICIENCY			
503.1	Minimum percentage of waste material diverted from landfills	<input type="checkbox"/> 50% <input type="checkbox"/> 65% <input type="checkbox"/> 75%	
<u>508.1</u>	<u>Termite barrier</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

(Portions of table not shown remain unchanged.)

Add new text as follows:

SECTION 508
TERMITE BARRIER

508.1 Termite barrier. Where this section is indicated to be applicable in Table 302.1, an approved continuous physical foundation termite barrier used with low toxicity treatment or without chemical treatment shall be installed in geographical areas that have subterranean termite infestation potential.

Add new standard(s) as follows:

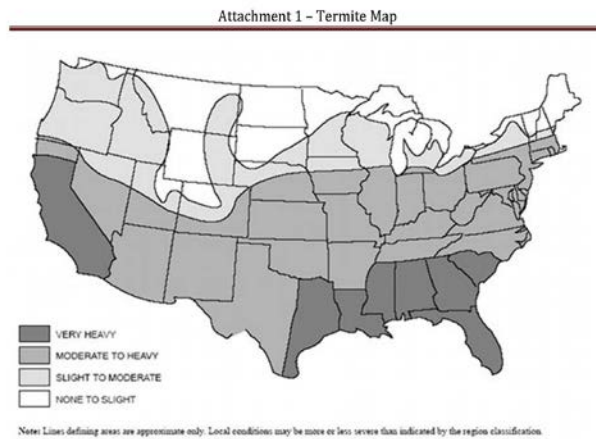
ICC 700 National Green Building Standard (NGBS) 2012 - Section 602.1.5 Termite Barrier

LEED BD+C: Homes v4 - Sustainable Sites Credit 3 Nontoxic pest control

Reason: Each year subterranean termites cause billions of dollars in damage to homes and buildings throughout the United States. Although termite protection has been associated mostly with residential construction, commercial buildings are also susceptible to termite damage, especially in areas that are more prone to termite infestation. If not mitigated, termites will eat away at building materials which has the potential to cause serious structural damage and negatively affect the durability of the building and components.

Non-toxic, physical barriers for termites are already referenced in the NGBS and LEED v4 Homes Rating System. Thus, these non-chemical alternatives for preventing termite infestation are already identified within the industry as a more sustainable and safer means of constructing buildings, while also maintaining high levels of building performance.

This comment is meant to be included as a jurisdictional requirement to the IgCC. Some areas of the country are much more prone to termite infestation than others (see map below). Thus, individual jurisdictions should make the decision on whether termite control is necessary and if physical termite protection is an appropriate option.



Cost Impact:
construction

Will increase the cost of

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