

Quad-Lock's Waterproofing Membrane Now Approved as Termite Barrier

Everyone loves a "two-for-one" bargain. Now Quad-Lock can offer both a waterproofing membrane **AND** a termite barrier in one product.

Soprema Canada, makers of Quad-Lock's branded "peel and stick" waterproofing membrane, has received testing data that rates their self-adhered ICF membrane product as showing "no evidence of excavation or penetration by termites" in a test designed by the world-renowned entymology department at Texas A&M University and performed by Trinity/ERD in Columbia, SC.

These results mean that Quad-Lock's MDPEEL 40 membrane (also known as Colphene ICF and Resisto Foundation/ICF Waterproofing Membrane) could be offered as a solution to requirements in both the residential and commercial building codes in the USA (see IRC Sections 320.4 & Section 404.7.2, and IBC Section 2603.8), especially in "areas of very heavy probability of termite infestation" as defined in the map on the following page. (Source: 2006 IRC, 2006 IBC)



The two most common species of termites (Formosan Termites and Eastern Subterranean Termites) were placed on ten temperature and humidity controlled test samples of waterproofing membrane, which had a food source on the other side, for a period of 25 days. Microscopic inspection (35x) revealed "no evidence of excavation or penetration by termites" of any test samples, which constitutes a "Pass" as a termite barrier.

Colphene ICF/Resisto Foundation/ ICF Membrane has the following characteristics:

- 40 mil thickness, self-adhesive membrane
- 100% UV resistant
- Can be applied to clean & dry EPS foam without primer (dusty sites or oxidized foam requires primer)
- Cold applied – no kettles or flame
- Fully adhered, watertight laps
- Superior tensile strength and puncture resistance

Other Termite Abatement Measures:

Common sense dictates that other termite abatement measures used in conjunction with a barrier like Quad-Lock's membrane will improve the building's defenses against termites.

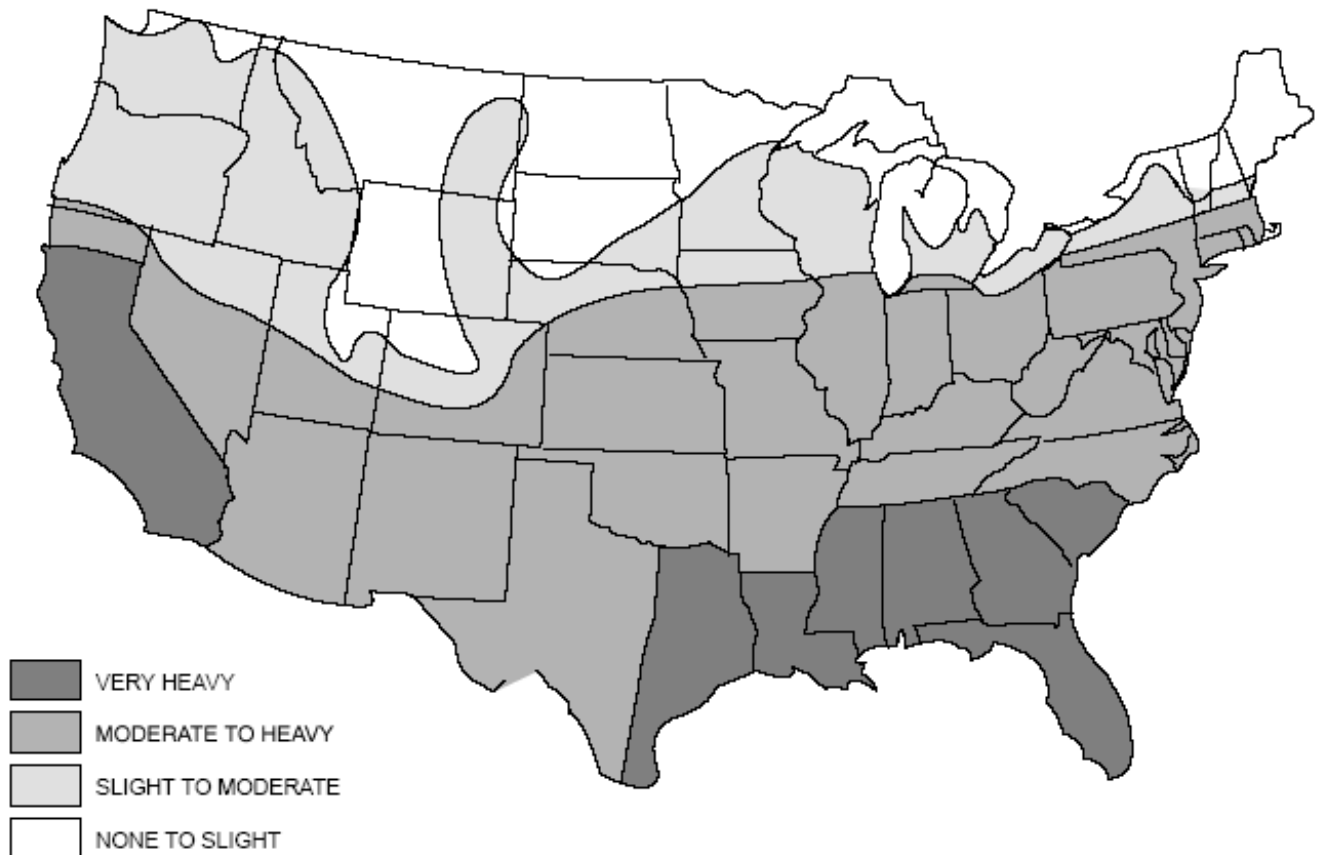


Quad-Lock's Waterproofing Membrane Now Approved as Termite Barrier ... cont'd

Quad-Lock recommends:

- Keeping trees, brush and landscaping foliage away from the building to minimize food sources
- Scheduling regular inspections and treat soils around the building with chemical or borate insecticides
- Placing metal flashings at transitions between levels of construction where possible

TERMITE INFESTATION PROBABILITY MAP



Lines defining areas are approximate only. Local conditions may be more or less severe than indicated by the region classification.

Figure R301.2(6)

Copies of the test report are available upon request from Quad-Lock's Training and Technical Services Department in the event that your building owner, architect or building official needs additional clarification.

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