

NEOPOR® ThermaPlus™

Questions and Answers

by Bill Egan

1. Is NEOPOR® ThermaPlus™ an air barrier material?

Yes, it is recognized as an air barrier material

2. Where can I locate general information about foam plastic insulated sheathing (FPIS)?

Best practices, educational programs, code compliance documents, etc. are available at www.continuousinsulation.org

3. Is NEOPOR® ThermaPlus™ recognized as a water resistive barrier?

Yes

4. When or why might an additional water resistive barrier be applied over NEOPOR® ThermaPlus?

Requirements for water resistive barriers may vary depending on building codes, type of substrate, climate zone, exterior wall cladding material, etc. For example, under certain conditions some exterior wall claddings such as stucco may require multiple water resistive barriers, layers, designed drainage spaces or air gaps.

5. Which joint, seam and flashing tapes can be used with NEOPOR® ThermaPlus?

A list of products and manufacturers is provided in the NEOPOR® ThermaPlus™ Installation Guidelines. Contact the manufacturer for recommendations and use of joint, seam, and flashing tape products other than those listed.

6. What are the storage instructions for NEOPOR® ThermaPlus™?

Keep product tarped or covered to protect from weather. Do not use clear plastic film. If possible, store in-doors. Care should be taken to keep exposed foam protected from reflective sunlight or prolonged solar exposure.

7. Why is it necessary to flash and seal penetrations to the exterior face of NEOPOR® ThermaPlus™?

The exterior face is the water resistive barrier therefore penetrations must be sealed to the exterior face for continuity of the water resistive barrier and flashing system.

8. Can NEOPOR® ThermaPlus™ be used on existing as well as new construction?

Yes

9. Are there thickness limitations for foam plastic insulated sheathings such as NEOPOR® ThermaPlus™?

Foam plastic insulated sheathings are generally no greater than 2" thick due to practical installation and integration

considerations with other components including windows, exterior wall claddings, etc.

10. Is NEOPOR® ThermaPlus™ a structural sheathing?

No, it is not a structural sheathing, nailing base for exterior wall claddings or other mounted objects such as lights, signage, etc. Sheathing, diagonal or lateral bracing or other means shall be provided to accommodate structural loads.

11. What is the definition of continuous insulation (ci) and does NEOPOR® ThermaPlus™ meet the definition?

The 2021 International Energy Conservation Code (IECC) defines continuous insulation (ci) as an insulating material that is continuous across all structural members without thermal bridges other than fasteners and service openings. When installed according to the Installation Guidelines, NEOPOR® ThermaPlus™ meets the definition of continuous insulation (ci).

12. Can any type of exterior cladding be applied over NEOPOR® ThermaPlus™?

Given the wide variety of exterior wall claddings, suitability and compatibility should be confirmed however most exterior wall claddings can be installed over NEOPOR® ThermaPlus™.

13. What is the max spacing for open framing?

NEOPOR® ThermaPlus™ can be installed at a maximum of 16" on center open framing.

14. Can this be used on 24 OC framing?

Yes, provided that there is a sheathing or backing.

15. Where can I go for more information on installation?

You can visit our website at Neopor-Insulation.com/Residential

Additional resources may be found under continuousinsulation.org

Contact Bill Egan at
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General approach, for more information see consult <https://www.continuousinsulation.org/residential/windows>