

LP NOVACORE™ THERMAL INSULATED SHEATHING FREQUENTLY ASKED QUESTIONS

1. What is the main purpose of the XPS foam?

XPS foam provides continuous insulation without the long-term R-value deterioration associated with some other foam insulation products. The continuous insulation from the XPS foam layer in LP NovaCore™ sheathing reduces potential heat loss caused by thermal bridging of your home's structural components.

2. What is the R-value of the insulated panel?

LP NovaCore sheathing with 1" XPS foam has an R-5 rating.

3. Which way should the foam face when installed on a house?

The XPS foam layer must face inward towards the framing members while the OSB layer faces outwards.

4. Can LP NovaCore sheathing be used as a water-resistive barrier (WRB)?

No. Since the OSB layer faces outwards and is exposed to the elements, a supplemental material such as an approved housewrap must be used to meet code requirements for a water-resistive barrier.

5. Does it need to be sealed with tape?

No. The seams of the LP NovaCore sheathing do not need to be taped in order to achieve the benefits of its continuous insulation layer.

6. Is LP NovaCore sheathing fire retardant?

No. In fact, a layer of minimum 1/2" gypsum wallboard must be installed on the interior face of the wall as a thermal barrier in accordance with the IBC and IRC to protect the foam insulation.

7. Why is LP NovaCore sheathing superior to standard OSB wall sheathing?

LP NovaCore sheathing combines OSB with XPS foam to provide racking strength and continuous insulation in a one-step installation.

8. Can LP NovaCore sheathing be used as a roofing panel?

No. LP NovaCore sheathing can only be used as wall sheathing.

9. What type of fasteners should I use?

Use minimum 3" long x 0.131" diameter, full-round head framing nails.

10. Can LP NovaCore sheathing be cut like conventional OSB?

Yes. The panels can be cut and drilled the same as OSB.

11. What do I do with overdriven fasteners?

Avoid overdriving fasteners. They can reduce structural capacity when LP NovaCore sheathing is used in shear walls. If the corners of an LP NovaCore sheathing panel are damaged by nailing, the panels should be replaced.

12. Can panels be installed vertically or horizontally?

Yes. Panels can be installed in a vertical or horizontal orientation, provided that all panel edges are supported and fastened to wall framing or blocking. See the LP NovaCore sheathing application instructions for a full description of installation requirements.

13. What is the LP NovaCore limited warranty?

The LP NovaCore Thermal Insulated Sheathing Limited Warranty and Arbitration Agreement is a 20-year transferable warranty.



Call 888-820-0325 today!