

# FREQUENTLY ASKED QUESTIONS

## 1. What is the main purpose of a Water-Resistive Barrier?

A water-resistive barrier (WRB) is a material that provides a second line of protection against water that gets behind the exterior wall cladding of a building. A WRB should also be water-vapor permeable to help a wall dry to the outside from moisture trapped in the wall cavity and, when properly detailed, can also be part of an air barrier assembly to help create a tighter building envelope to ensure that the home is healthy, comfortable and energy-efficient.

## 2. Why is LP WeatherLogic® Air & Water Barrier superior to housewrap?

Housewrap can tear after it's applied, letting moisture infiltrate. In contrast, LP WeatherLogic Air & Water Barrier has a permanent, factory-bonded overlay that won't tear. It's easier to work with than housewrap and creates a professional-looking, uncluttered jobsite. In addition, LP WeatherLogic Air & Water Barrier has a warranty that's superior to most housewrap products.

## 3. Do LP WeatherLogic panels install like regular sheathing?

Yes. The panels install easily like regular structural sheathing. The LP WeatherLogic tape is then applied to the seams to complete the system.

## 4. Can I cut LP WeatherLogic panels like conventional OSB or plywood?

Yes. The water-resistive membrane is permanently bonded to the OSB substrate so the panels can be cut and drilled the same as OSB or plywood.

## 5. What type of fasteners should be used with LP WeatherLogic panels?

Attach panels in accordance with project specifications. In the absence of project specifications, follow typical residential wall sheathing nailing:

- For walls, use minimum 6d (2" x 0.113" diameter) common nails for panels up to 1/2" thick and 8d (2-1/2" x 0.131" diameter) common nails for panels up to 5/8" thick.
- For roof panels, use minimum 8d (2.5" x 0.131" diameter) common nails.
- Do not use fasteners larger than 10d (3" x 0.148" diameter) common nails.

## 6. Can I use staples to fasten LP WeatherLogic panels?

Yes, if local building codes allow it. Additional staples are typically required; follow all staple manufacturer recommendations and local building codes.

## 7. What do I do with overdriven fasteners?

Avoid overdriving fasteners. They lead to water intrusion and can reduce structural capacity when LP WeatherLogic panels are used in shear walls. If you see the white of the OSB beneath the surface of the WRB membrane, then the nail is overdriven and needs to be covered with LP WeatherLogic tape or with an AAMA 714-compliant liquid-applied flashing. For the effects on structural capacity, refer to APA Technical Topic TT-012 "Effect of Overdriven Fasteners on Shear Capacity" for guidance on when additional fasteners are required.

## 8. How do I apply LP WeatherLogic Seam & Flashing Tape?

Every box of tape contains a squeegee to help you firmly apply the product. Streaks on the tape after use of the squeegee indicate the proper pressure has been applied. See the installation instructions for complete details.

## 9. How many rolls of LP WeatherLogic Seam & Flashing Tape will I need?

In general, you will need about one roll of tape for every 7 panels of the product.

## 10. Can I use other types of tape for installing the product?

The product warranty requires the use of LP WeatherLogic tape on all seams. For other typical flashing applications, any flashing tape certified to AAMA 711-13 or any liquid-applied flashing sealant certified to AAMA 714-15 (or newer) are permitted.



### **11. Can the LP WeatherLogic system be installed in cold environments?**

LP WeatherLogic panels install just like regular LP OSB; however, the LP WeatherLogic tape should only be installed when the ambient temperature is greater than 14°F (-10°C).

### **12. What is the LP WeatherLogic Air & Water Barrier warranty?**

LP provides an exceptional 30-year limited warranty on the LP WeatherLogic system.

### **13. Can LP WeatherLogic panels be installed in the rain?**

Yes, the panels install just like LP OSB, but the tape should only be installed on clean, dry surfaces.

### **14. Can panels be installed vertically or horizontally?**

Panels used in roof applications must be installed horizontally with the long panel edge across the roof trusses or rafters. For wall applications, panels may be installed vertically or horizontally.

### **15. Can LP WeatherLogic panels be used on any roof slope?**

LP WeatherLogic panels must only be installed on roofs with a 2/12 pitch or greater as required for the type of roof covering.

### **16. What roofing and shingle types are acceptable to use with LP WeatherLogic?**

LP WeatherLogic panels can be used with asphalt shingles, metal roof shingles and panels, clay and concrete tiles, slate and slate-type shingles and wood shingles and shakes. Follow roofing manufacturer's instructions for installing roofing.

### **17. What is Structural I sheathing?**

Structural I Rated Sheathing is a panel grade defined in Voluntary Product Standard PS 2 that provides higher cross-panel strength, stiffness and racking strength than standard sheathing. For the toughest portions of your build, it offers the strength you need for demanding applications.

### **18. For roof applications, do 7/16 require any additional support?**

Yes. For 7/16 panels that span more than 16", H clips are required to be installed midway between roof trusses/rafters. Alternatively, unsupported panel edges must be blocked.



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