

- c. Class C Classification: Panels meet Class C flame spread index and smoke-developed index when tested in accordance with ASTM E84.

## 2.2 WALL SHEATHING SYSTEM WITH INTEGRATED WATER-RESISTIVE BARRIER

A. **Description: System of wood structural sheathing panels with air and water barrier facing, and seam and self-adhering flashing tape.**

1. Manufacturer: LP Building Solutions.
2. System: WeatherLogic Air & Water Barrier.
3. System Performance Attributes:
  - a. Performance Category: **[7/16] [1/2] [5/8]**.
  - b. Panel Rating: Oriented strand board (OSB) Exposure 1 Structural I panels complying with US DOC PS 2 per APA Panel Design Specification, Form D510.
  - c. **Water Vapor Transmission: 5.35 perms per ASTM E96, Method B.**
  - d. Air Barrier Assembly Test: Pass.
  - e. Water Resistance: ASTM D2247, pass.
  - f. Water Penetration: ASTM E331, pass.
4. Performance Category:
  - a. **[7/16 Performance Category]**.
  - b. **[1/2 Performance Category]**.
  - c. **[5/8 Performance Category]**.
5. Seam and Flashing Tape: WeatherLogic Seam and Flashing pressure sensitive tape; tested per ASTM D330, Method F and AAMA 711-13 approved.
  - a. Seal panel joints.
  - b. Seal penetrations.
  - c. Flash window and door openings.
  - d. Flash roof and wall material transitions.
  - e. Flash foundation transitions.
  - f. Flash inside and outside corners.

## 2.3 ROOF SHEATHING SYSTEM WITH INTEGRATED OVERLAY

A. Description: System of wood structural sheathing panels with air and water barrier facing, and seam and self-adhering flashing tape.

1. Manufacturer: LP Building Solutions.
2. System: WeatherLogic Air & Water Barrier.
3. System Performance Attributes: