

## **INTERPRETATION:**

*Interpretation effective: December 16, 2011*

*- updated May 31, 2023 for 2023 Pikes Peak Regional Building Code*

*- updated April 12, 2024 for Technology Accessibility compliance*

## **ROOF SHEATHING**

**Section R905.2.1, 2021 International Residential Code**

**Section 1507.2.1, 2021 International Building Code**

The code sections referenced above state “Asphalt shingles shall be fastened to solidly sheathed decks”. For the purpose of these code sections, “solidly sheathed” shall be defined as a maximum joint width not to exceed 1/4” (0.25 inch) between wood structural panels.

## **COMMENTARY:**

*The referenced code sections do not address the maximum allowable width of a joint in roof sheathing. Due to shrinkage and construction tolerances the joint width varies. Most structural panel manufacturers specify a minimum joint width of 1/8” to allow for expansions, but do not specify a maximum. The 1/4” specification allows for shrinkage and additional construction tolerances while maintaining the intent of the code.*