

# Precision Points

# Air Barrier 10

072700 02.20.2026

# Plywood Knots

When installing liquid AVB on solid lumber or plywood, there are a few items that should be addressed prior to the AVB installation.

Plywood should have an 1/8" gap between boards in both directions to allow for swelling of the wood. Detailing must account for the gaps and the slight movement at each joint.

Wood knots are defects in the wood that are weak points on the surface, they move and shrink differently than the field of the wood. The knots also come loose and dislodge from the surface. Knots are voids and allow for moisture intrusion of the wood and accept AVB differently than the field of the wood and plywood.



Some manufacturers specifically address the installation of their product(s) on plywood and solid wood, identify the required treatment of the joints, knots, and other deficiencies...while, others do not.

**Recommend treating all plywood joints as movement joints and pre-treating knots and other wood deficiencies prior to the field AVB installation.**