



City of Vacaville
Community Development
Building Division

Oriented Strand Board and Plywood Checklist

This is to be used as a general checklist; it is not inclusive of all code requirements and inspection criteria.

Per 2016 California Residential Code (CRC)

- Correct span rating based on spacing of rafters, joists or trusses. (R803.2.2, R503.2)
- Sheathing less than ½” thickness placed over rafters which are spaced more than 20” on center require plywood clips or blocked edges. Typically 7/16” OSB with a span rating of 24/16 is used and will not require clips. (Table R503.2.1.1(1))
- Braced Wall or Shear wall are nailed per engineered design or conventional framing if not engineered. (R602.3).
- Sheathing exposed to weather (underside of eaves) must have exterior grade glue (marked as “Exterior” or “Exposure 1”). (R803.2.1.1). Verify Rating Label.
- Minimum prescriptive nailing is 8d common nails at 6” on center at supported edges and 12” on center in the field. Verify on permit plans for new construction.
- Oriented strand board and plywood shall have a gap at abutting edges as per the stamped label recommendation on the sheathing. Typically 1/8”. (R602.1.8)