ENERGY STAR Homes NORTHWEST Tech Tips

AIR SEALING CRITICAL DETAILS

1. PENETRATIONS – Plumbing/electrical/HVAC penetrations to exterior/unconditioned space are air sealed with foam, caulk, or mastic. NO fibrous insulation is used to fill holes

2. CAPS/BLOCKING – All shafts/chases, cantilevers, and blocking are air sealed with a compressible sealant, caulk, foam, or mastic

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3. **FIRE SEALING** — Fire-rated caulking along with flashing or UL-rated collars must be installed continuous around all combustion flues and maintain proper clearance from combustion materials.

4. **ATTIC ACCESS** — Access doors to knee wall or crawlspace areas, attic hatches, and drop down stairs are weather stripped and insulated.

5. **CAN LIGHTS** — Recessed lighting fixtures installed in insulated assemblies are air tight and IC-rated and sealed to drywall with caulk, foam, or gasket.

6. **DOORS & WINDOWS** — Backer rod or low expansion foam is used to seal around windows and doors.