

DENSE-PACK MATERIALS CHECKLIST

Full job load-out: truck stock + consumables · Colorado Springs Utilities · July 2026



INSULATION MATERIALS

- ☐ Dense-pack cellulose, 25- or 30-lb bags (order by bag math, round up ~10%)
- ☐ Dense-pack-rated fiberglass where spec'd (JM Spider / OC L77 class)
- ☐ InsulWeb / dense-pack netting rolls
- ☐ Extra bags: calibration box + waste allowance

DELIVERY SYSTEM

- ☐ 3-in. blower hose, 50 ft minimum
- ☐ 2.5-in. hose, 50 ft
- ☐ 2-in. hose, 50 ft
- ☐ Reducers: 3 > 2.5, 2.5 > 2, 2 > fill tube
- ☐ Fill tubes, 1 - 1.25-in. ID (summer + winter grade, plus spares)
- ☐ Clear tube section (clog / flow check)
- ☐ Duct tape, 4+ rolls (joints, dust collars)
- ☐ Hose couplers + spares
- ☐ Remote controller + batteries (or 150-ft wired backup)

MACHINE & POWER

- ☐ Blowing machine - deadhead-tested to 2.9 psi (80 in. w.c.)
- ☐ Spare airlock seal set
- ☐ Spare air filters
- ☐ Machine hand tools (wrenches, drivers)
- ☐ Generator 9 kW+ and fuel
- ☐ Heavy-gauge cords - 10 AWG, short runs
- ☐ Pressure gauge / manometer + tee fitting
- ☐ GFCI protection

DRILLING & ACCESS

- ☐ 1/2-in. low-RPM drill + side handle (plus a backup drill)
- ☐ Forstner bits, 2 - 3 in.
- ☐ Carbide hole saws, 2.5 in. + arbors and pilot bits (spares)
- ☐ 2-1/8-in. hole saw (core sampling)
- ☐ Zip tool (vinyl / aluminum siding)
- ☐ Flat bars, trim pullers
- ☐ Chisel + end nippers (asbestos-siding nail work)
- ☐ Stud finder + rare-earth magnets
- ☐ Borescope
- ☐ Probe rod / steel fish tape
- ☐ Chalk line · tape measure
- ☐ Non-conductive ladders
- ☐ Utility knives + blades

SEALING & BLOCKING

- ☐ Cardboard stock for blocking dams
- ☐ Rigid foam sheets (dams, water-line tents)
- ☐ Hammer tacker / pneumatic stapler + staples
- ☐ One-part foam gun + canisters (+ gun cleaner)
- ☐ Sealant / caulk, interior + exterior grade
- ☐ Duct mastic + brushes
- ☐ Housewrap / sheathing tape

PLUGGING & PATCHING

- ☐ Tapered wood plugs, sized to hole saws
- ☐ Foam plugs
- ☐ 1x4 pine trim stock (cantilevers - real wood, not MDF)
- ☐ Exterior caulk + backer rod
- ☐ 5/8-in. Type X drywall (FOG garage-ceiling repairs)
- ☐ Drywall screws, mud, tape
- ☐ Plaster patch compound
- ☐ Sheathing scraps
- ☐ Primer / paint touch-up kit

PROTECTION & CLEANUP

- ☐ Drop cloths / floor protection
- ☐ Corner guards at hose-drag points
- ☐ Plastic sheeting + painter's tape
- ☐ Dust-collar rags / sponges
- ☐ Shop vac + spare filters and bags
- ☐ Trash bags · broom · dustpan

PPE & SAFETY

- ☐ N95s (box) · half-face respirators + P100s for interior blows
- ☐ Safety glasses · gloves
- ☐ Hearing protection (machine side)
- ☐ Knee pads · headlamps / work lights
- ☐ First-aid kit · fire extinguisher
- ☐ Non-contact voltage tester (K&T checks)

LEAD-SAFE KIT (pre-1978)

- ☐ Firm + renovator certifications current
- ☐ 6-mil poly + tape (containment)
- ☐ HEPA vacuum
- ☐ Spray bottles / wet wipes (wet methods)
- ☐ Disposable suits · heavy waste bags
- ☐ RRP signage + cleaning-verification cards
- ☐ Renovate Right pamphlets for the homeowner

DENSE-PACK MATERIALS CHECKLIST (cont.)

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QC & DOCUMENTATION

- ☐ Bag-count tally sheet + manufacturer coverage charts
- ☐ Gram scale (0.1 g)
- ☐ Core tube, 2-in. ID sharpened DWV (escalation, not routine)
- ☐ Density calibration box, 2 cu ft
- ☐ IR camera
- ☐ Blower-door access for program test-in / test-out
- ☐ Camera / phone for job documentation
- ☐ Signed receipt forms: type, area, R-value, bag count
- ☐ Program spec sheets + SDS binder · RED Calc bookmarked