

Dry Dense-Packing Wall and Ceiling Assemblies

IT IS RECOMMENDED THAT DRY PACK INSULATION BE USED IN ALL EXTERIOR WALL SECTIONS IN BATHROOMS, KITCHENS, OR OTHER ROOMS WHERE ADDED VAPOR BLOCKS, SUCH AS CABINETS, MIRRORS, SHOWERS, FIXTURES, TUBS, SPECIAL PAINTS OR WALL FINISHES, VAPOR BARRIERS ETC. WILL INHIBIT OR PREVENT THE NATURAL DRYING PROCESS OF WET SPRAY INSULATION. DRY PACK IS ALSO RECOMMENDED WHEN CONSTRUCTION SCHEDULES DICTATE THE IMMEDIATE COVERING OF WET SPRAY INSULATION BEFORE IT IS ALLOWED TO DRY BELOW 25% THROUGH THE ENTIRE CROSS SECTION.

COZA™ Insulation products used in vertical wall assemblies using the netted/dry dense-pack application are not to be from (wet) reclaimed material. These instructions should be used in conjunction with the COZA™ instructions for Attic Products or Wall Spray depending on which assembly(s) are being dry-packed.

Equipment and Material Requirements

- Hanes Insulweb™ or equivalent brand netting (1.24 oz. per sq. yd. or better)
- Air compressor
- Pneumatic staple gun with ¼ inch staples
- Attic blowing machine and hose (refer to Instructions for COZA™ Attic Fill Products. Be sure to reduce hose diameter to 2-1/2" for final length)

BEFORE STARTING - CAUTION!

- Any cavity taller than eight feet in height should have cross-bracing or fire stops at mid-height to help support the weight of the material and prevent settling.
- Care should be taken to avoid installing any insulation product in contact with non-UL rated electrical systems or non-insulated wiring.

INSTALLATION

1. Staple netting to studs or joists as appropriate.
2. Always staple the netting to the "sides" of the stud or joist, so as to avoid creating a bulge on the "face" of the stud or joist where the drywall will be attached. Take care to have just the netting stretched across the face. Stapling the netting slightly inside (about ¼") the plane will allow for a slight

- amount of bulging and will still ensure the correct insulation volume without interfering with the drywall installation.
3. Be sure to provide double-netting or additional framing on two sides of a wall in order to retain the blown insulation.
4. Make a three-inch incision in the center of each wall cavity, approximately one foot from the top plate and then insert the insulation supply hose and then begin filling the cavity. Make new incisions and reinsert the hose at different points as necessary.
5. Machine settings will vary depending on the installation equipment. Consult your manufacturer's manual for settings. Consult Cottonwood Manufacturing if you need assistance in getting these settings.
6. As you fill the cavities, make sure to remove the hose slowly as the material fills up. Then tape up all openings with duct tape.
7. Perform periodic checks of the density by taking small samples, measuring the weight and dividing by the volume to get to pounds/cubic foot. Installation results will provide the correct R-Value in the range of 2.8 to 3.5 pcf with a target density of about 3.0 for optimum coverage.

IMPORTANT PRECAUTIONS

- Flag or mark electrical and heat sources for subsequent access following installation. Unless IC rated (insulation contact), keep insulation at least 3 inches away from the sides of recessed light fixtures. Only IC rated recessed lights can be covered with insulation.
- Keep insulation off and away from heated surfaces, such as exhaust flues of furnaces, water heaters, heaters, chimneys and flues. Per ASTM C-1015, allow a minimum of three inches of air space between the insulation and heat source.
- Installer should complete and sign the insulation cards (fact sheets), recording all necessary information and leave the card in a secure place and if possible, in plain view for the building inspector.

Follow all installation safety guidelines as defined by your company. When installing COZA™ products, be sure to wear safety gloves, safety glasses with full eye seal, work clothes that cover exposed skin, and an N95 particulate filtering face piece (per CFR84) for respiratory protection. SAFETY FIRST!

**Questions? Contact us at 719-784-0130
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