

CERTASEAL INT™ INSTRUCTIONS



CertainTeed
SAINT-GOBAIN



CertaSEAL^{INT}

CertaSeal INT™ is a spray-applied, fast-drying water-based premixed acrylic latex sealant, intended for air sealing penetrations and joints in residential building envelope and stud/drywall interfaces. CertaSeal INT is a quick and easy air sealing solution that provides code-compliant energy efficiency, indoor air quality, and acoustical and comfort benefits by reducing air leakage in and out of a home.

This sealant is intended to be spray applied with an airless paint sprayer to fill any void, crack or penetration in a residential building envelope to help meet energy efficiency building codes. Combine CertaSeal INT with CertainTeed's Sustainable Insulation to create a complete comfort solution for the life of the home.

CertaSeal should be protected from freezing. It can be applied from 40° to 100°F as long as the sealant is fluid in the bucket. It should be stored in a dry location with a temperature between 50° and 80°F.

- If CertaSeal does freeze, it must be allowed to thaw completely and be above 40°F when sprayed. Do not attempt to accelerate thawing by mixing, stirring, blending or agitating.
- CertaSeal is a one-component system that does not involve the mixing of harmful chemicals. No special PPE is required to install it, and other trades can be working at the same time.
- CertaSeal can be cleaned up with water and does not require the use of harsh chemical solvents.
- CertaSeal should be installed after the framing inspection and in conjunction with window/door sealing and installation of fire caulking, prior to installing insulation.
- CertaSeal should be applied to clean, dry surfaces, free from oils, dirt and debris that would interfere with good adhesion.



WHAT YOU NEED TO INSTALL CERTASEAL

CertainTeed Insulation has suggested all the equipment that contractors will need to start sealing.

This includes:

- A GRACO Ultra Max 795 Airless Sprayer or equivalent with 50 feet of hose
- Spray gun
- 20-inch nozzle extension
- Tip guard and two application tips



Preparation for spraying CertaSeal

1. Place the airless sprayer in the most convenient location, taking into account the areas that need to be sprayed.
2. Ensure that the spray hose is the proper length and serviceable.
3. Arrange all necessary hand tools, equipment and accessory items (wrenches, brushes, drywall knife, paper towels, utility knife, etc.) so that they are nearby.
4. Bring in 2 five-gallon pails of fresh water, and 1 empty five-gallon pail for cleanout of nozzles and hose.
5. Connect the required extensions/nozzle. CertainTeed recommends using an RAC IV or RAC X size 313, 315, 413, or 415 for most applications. Start with the smaller tip and try them sequentially until the desired bead is attained.
6. Connect the sprayer to power source.
7. Lower the sprayer intake into the CertaSeal bucket.

Tip: CertainTeed has found that if the screen at the bottom of the intake is removed prior to lowering it into the bucket, the machine runs more smoothly.
8. Turn machine on to desired pressure.
9. Flush machine and hose of water remaining in lines from previous cleanup with CertaSeal.
10. Set PSI to desired spraying pressure; recommended pressure: 1600-2200 PSI.



Applying CertaSeal

Place the wings of the tip guard directly against the framing members with the nozzle opening pointing directly into the gap or seam – to be filled with the wings of the tip guard parallel to the direction you will be moving.

1. Apply CertaSeal to all vertical seams/joints in framing, moving sequentially around the room.
2. Adjust pressure level to lower or higher level depending on flow of material through nozzle. A small stream of product indicates not enough pressure. Splattering of the material indicates that the pressure is too high.
3. Apply CertaSeal to all horizontal seams/joints in framing.
4. Apply CertaSeal at the seam between the double plates at the top plate line, and directly on the plate itself to create a “gasket” that will interface with the drywall.
5. Apply CertaSeal at the junction between the bottom plate and the subfloor/slab. This application should always be done last.
6. Each room should be completed prior to moving to the next.
7. Make sure no CertaSeal remains on any finished surface. Wipe any uncured CertaSeal off with a damp rag prior to material drying.
8. The angled nozzle extension may be necessary to reach certain areas.
9. At the completion of each room, walk the entire area to check for missed applications or areas needing touchup, and spray additional material as necessary.





Cleanup

JOB SITE

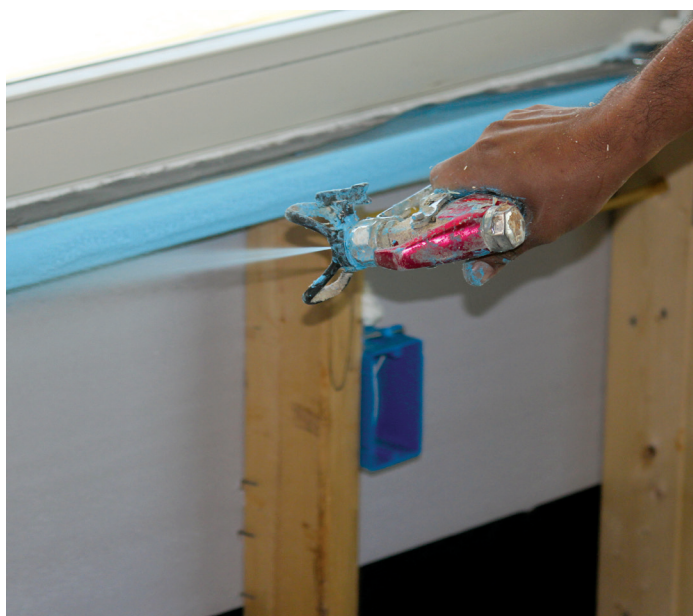
1. Clean up any overspray or spills before curing. Uncured material can be removed with a damp cloth. Cured materials need to be mechanically removed. CertaSeal disposal should be treated in the same manner as the disposal of latex paint.
2. Remove any remnants of CertaSeal from the floor surface with a drywall knife or similar tool.
3. On any areas where drywall will be installed, check that CertaSeal will not interfere with the installation of the wallboard.
4. Remove any CertaSeal from finished surfaces such as windows, doors, etc.

MACHINE AND EQUIPMENT

It is not necessary to clean the machine, hoses, etc. between consecutive jobs to be installed within 24 hours. When the machine will not be used within a 24-hour period, take the following steps for proper cleanup.

1. Remove CertaSeal bucket from under the airless sprayer and replace with a bucket of clean water.
2. Turn on machine and purge lines until all CertaSeal is cleared and water flows freely into an overflow bucket.
3. Turn off machine and bleed pressure from hose.
4. Unscrew suction intake and remove the screw-on filter from the bottom of the intake and clean. Thoroughly clean the outside and interior of the intake pipe being careful not to lose the three-part (ball bearing, flat disc and ball bearing holder) assembly that sits in the top portion of the intake. Additionally, do not lose the nylon washer that sits beneath the assembly. When cleaned thoroughly, reattach intake to the sprayer. Refer to the owner's manual for your particular machine for additional cleaning instructions.
5. Remove, clean and reinstall main sprayer filter.
6. Clean CertaSeal from the exterior surface of all nozzles, tips and extensions. Wipe residue from the surface of the sprayer and hose as necessary.
7. Lower the clean intake into a bucket of clean water, turn machine back on and flip the lever on the airless sprayer to the recirculation mode and flush the machine until clear.
8. At least weekly, it is a good idea to flush the lines and machine with mineral spirits as a preventive maintenance measure.

NOTE: CertainTeed Insulation recommends spraying in a ventilated area with fresh air intake.



Create a More Comfortable Home

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Insulation

At CertainTeed, we believe in a higher level of comfort. We believe in Complete Comfort, where your insulation system successfully controls thermal performance, air tightness, moisture management, and acoustics. That's why we offer a complete line of high performance insulation products that work together to ensure every building achieves Complete Comfort.

Fiberglass | Mold Prevention
Technical | Equipment

learn more at: certainteed.com/insulation



CertainTeed Corporation

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