

TechUpdate

AquaBead Water Activated Corner Beads Installation Tips

AquaBead® corner beads are fastened to the wall with a water activated adhesive that makes them faster, cleaner, more durable, and therefore have a lowest installed cost than traditional corners. Just spray, wait 30 seconds for the adhesive to activate and then stick to the wall. In just 30 minutes the corner beads can be fill coated with joint compound. The time savings, along with a corner that does not edge crack which eliminates call backs, makes AquaBead the best value in corner technology today.

	AquaBead	Tape On Bead	Metal Bead
Avg. Material Cost to Contractor per 8' stick	\$1.81	\$1.20	\$1.12
Avg. Installation Cost (labor) to Contractor per 8' stick	\$0.66	\$1.12	\$0.92
Material cost needed to Install per 8' stick (joint compound, fasteners)	\$0.00	\$0.13	\$0.16
Estimated warranty costs, call backs (per 8' stick)	\$0.00	\$0.17	\$0.35
Total Installed Cost	\$2.47	\$2.62	\$2.55

Note: *all estimates based on in field testing; results will vary depending on applicator*

TECHNICAL NOTES & TIPS

Application:

For complete installation instructions, check out the new installation video and written installation instructions at www.certainteed.com

Cut the AquaBead to desired length using light weight snips or heavy weight scissors. No heavy weight or bulky metal snips required.

Tip: Multiple sticks can be cut easily at the same time using a miter saw with a standard wood cutting blade.

Tip: When cutting miters undercut the angle to allow for a space so that the beads do not overlap.

Tip: Ensure that the drywall boards are cut back so that they don't protrude past one another.

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TECHNICAL NOTES & TIPS

Application:

Spray the stick evenly with clean water. Ensure that the spray covers all areas including the top. If an AquaBead gets sprayed and then dries before application there is no issue. Just spray the bead again and wait for the adhesive to activate.

Tip: Using a pressure sprayer (garden sprayer) will greatly enhance the consistency of the spray volume and pattern and speed up application. This will also help prevent dry spots on the bead.

Tip: Do not use a sponge as this will remove the adhesive from the bead.

Tip: Add a few drops of food coloring to the water to make it easier to see where you have sprayed.

Wait approximately 30 seconds for the adhesive to activate. It is the same premise as wetting and sealing an envelope.

Tip: Check the adhesive to see if it is ready using your fingers. If the adhesive has the consistency of honey then you are ready. If it still feels wet then it still has not activated.

Tip: To get a longer open time on the adhesive, spray with more water. Activation time and the time for it to adhere to the wall will be extended.

Tip: AquaBead will not bond to non porous surfaces well (previously painted wall, GlasRoc, cement board, etc). It will apply with standard joint compound or mechanical fasteners in these circumstances.

Press firmly onto the wallboard paper surface. Using just your fingers will work. If you are doing multiple beads a roller will make application easier and faster. The bond that will develop between the bead and the paper surface will be so strong that when set you will delaminate the paper from the gypsum core trying to remove it from the wall. This is what gives it such great crack resistance.

Tip: If you have a spot that did not attach itself to the wall simply fasten it with a T50 staple and coat over it with compound.

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Other Facts & Features

- AquaBeads are very durable, both before and after installation. Transportation and storage does not require any special handling so you don't have any bent or twisted materials to throw away. They are also 50% lighter than metal beads making carrying and installing easier.
- Installation without compound is faster, cleaner, and less expensive. The edges of the bead have no sharp edges so applicators can't get nicked or cut. Installation of AquaBead is a cleaner, grease free, and more pleasant task.
- The specially shaped nose bead allows for the joint compound to be applied close to the outside edge making for a straighter and cleaner looking corner.
- The preformed tapered shape of the arms allows for less of a compound fill coat, speeding up drying time and making the compound on the surface of the bead harder to crack. The holes along the sides allow for a stronger bond of the compound and bead to the wall.
- The water activated adhesive bonds directly to the wallboard itself making the bead an integrated component of the wall, i.e. no joint compound layer in between. This makes the bead significantly less susceptible to edge cracking and much more impact resistant than traditional metal and paper metal beads.