

# CASE STUDY: RESIDENTIAL CONSTRUCTION - SEAMAN PROJECT



Louis Seaman does things right. He is meticulous in his work, and meticulous when working around his house in Bernardsville, New Jersey. Two recent projects are proof that Louis knows what he is doing.



*Mason Bond™ applied to vertical surface of the masonry block before it is set in place.*

In planning to extend the foundation of his house for an addition and build two entry pillars at the end of his driveway, Louis selected the best materials available. After reading about ITW TACC's Mason Bond adhesive in *The Journal of Light Construction*, Louis decided to use Mason Bond instead of mortar.

"I have done some masonry work in the past using mortar and it was a slow process," Louis said. "It takes time to mix the mortar, move it into position and trowel it on the block." That is not the case with Mason Bond.

Mason Bond is made from a patented, high-strength polyurethane adhesive that offers simplicity of application with superior strength. Mason Bond requires no sand, gravel or mixing. Simply apply a bead of Mason Bond onto the horizontal and vertical surfaces of the block. Set the block and move on to the next.

Mason Bond also delivers superior strength. Tests conducted by the National Concrete Masonry Association (NCMA) found that walls built with Mason Bond were five times stronger than walls built with mortar.



*Mason Bond™ is applied to the top of the prior course, then the next course is simply stacked on top. The first course was set directly on the footing. It set quickly enough to allow Louis to stand on the course.*

Mason Bond goes on easy in all weather conditions, then bonds quickly and durably. That means your project - no matter how large or small - will stay on schedule.

"Mason Bond was easy to use," according to Louis. "It cut my labor time in half because all I had to do was apply a bead and stack the block. It was a great fit for my project."



*A finished pillar. Louis Seaman completed two pillars in just 57 minutes!*

## PROJECT SPECIFICATIONS: DRIVEWAY PILLARS

Each pillar was 8 courses high, with 4 CMUs per course, for a total of 64 CMUs for the two pillars. Adhesive was applied to the vertical surface of the CMUs, and then to the bottom of the CMUs in the first course (placed on a poured footing). For subsequent courses, adhesive was applied directly on the top of each block and the next course was set in place. Total construction time: 54 minutes.

## PROJECT SPECIFICATIONS: FOUNDATION EXTENSION

Four courses of CMUs were added to a poured footing, each containing 7-1/2 CMUs. Two beads of MasonBond were applied to one side of the vertical surface of each block, and to the bottom of the first course. Total construction time to build the foundation: 1 hour, 10 minutes.

Made in the U.S.A. by



Rockland, MA

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