

Smart Masonry Clean-Out System



Introduction

The Smart Masonry Clean-Out System is a revolutionary system used to form Clean-Out Covers for High Lift grouting. It consists of a “T-Bolt,” a re-usable “Nut” and a re-usable transparent “Window.” The “T-Bolt” and “Nut” are made from hard ABS plastic. The transparent “Window” clean-out cover is made of poly carbonate, an extremely durable material commonly used in jet fighter canopies. While the “Nut” and “Window” are re-usable, the exposed portion of the “T-Bolt” easily breaks off after removal of the “Nut” and “Window” to provide a fast, clean, professional and economical means of forming reinforced masonry clean-out covers.

Benefits

- Causes no damage to the face of the block and requires no patching of block as with the plywood/nailing method of forming clean-out covers.
- Eliminates costly blow-outs that require chiseling and grinding.
- Adds to your professional image. The Smart Masonry Clean-Out System, when installed, demonstrates the professionalism expected by engineers, architects, general contractors and especially inspectors. Plywood and hammer cut inspection holes lead to excessive waste and cleanup.
- Advanced Placement - allows for inspection through the transparent “Window” and readiness to pour immediately after inspection. No need for hammers, nails, plywood and bruised thumbs.
- Quick Installation - can be installed and removed in seconds, vastly reducing labor costs.
- Corrosion Resistant - made from strong ABS plastic instead of metal, removing concern for corrosion of exposed fasteners.

Commonly Asked Questions

Does The Smart Masonry Clean-Out System require precision block openings or cell widths?

No. Smart “T-Bolts” are designed to wedge against the inner shell face of a block opening from 1 inch to 4-1/2 inches wide. The Smart “T-Bolt” can be rotated any degree to accommodate a narrower shell width. We recommend that you order inspection block from your block manufacturer or saw cut your inspection openings. Hammer cutting block is not recommended since it produces block fatigue, produces excessive debris and wastes block units.

Do you need special tools for the Smart Masonry Clean-Out System?

No. The Smart “Nut” is designed to be hand tightened.

What if the specifications restrict grouting to the low lift method?

Many engineers feel that the use of plywood and other non-transparent covers can lead to unfilled or unconsolidated grout cells. Submit the Smart Masonry Clean-Out System to the Engineer and chances are you will be able to switch to High Lift grouting.

What about Tooled finished walls?

Many contractors hide the clean-out opening behind bottom of wall base boards. Building codes allow a minimum clean-out opening of 3 inches by 3 inches.

Installation

It takes a few seconds! Pre-assemble the Smart Masonry Clean-Out System as shown in this picture (see right). Hold the threaded end of the “T-Bolt” with one hand. Insert the “T” part of the “T-Bolt” vertically through the clean-out opening of the block. Hand tighten the “Nut” with your other hand and the Smart Masonry Clean-Out System is now installed.



How To Order

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