

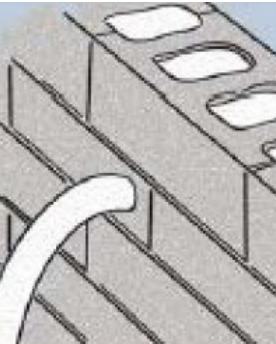
## APPLICATIONS & BENEFITS



### CLUSTER PROJECTS / TOWNHOUSES

- Fast & easy to install
- Less interior labor & lower cost
- Less invasive installation
- Capable of upgrading inhabited buildings

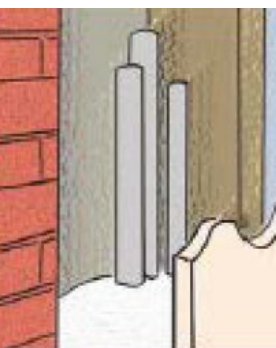
Many cluster developments fail local and state fire ratings after construction is complete. Tripolymer Foam Insulation® can easily correct construction violations to meet today's building codes. Firewall ratings can be increased to meet codes without the costly addition of double layer gypsum boards.



### MASONRY BLOCK / CORE FILL

- Increased thermal performance over inserts & pour-in.
- Complies with building codes HUD, ASTM & NYC-MEA
- Insulates block & mortar joints
- Applied after wall sections are complete

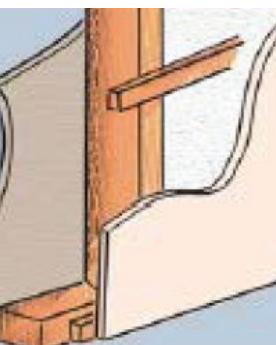
Tripolymer Foam Insulation is easily and efficiently installed in blocks after the wall is constructed, completely filling all block and mortar joints regardless of obstructions. Using a pressure fill method, it is either injected through 5/8"-1" holes, or the hose is lowered from the top to the bottom of each cavity and withdrawn as the cavity fills. A two-man crew can complete up to 10,000 blocks in a day.



### PIPE CHASES

- Eliminates condensation
- Reduces heat loss
- Deadens noise from water and waste lines
- Protects pipes from freezing

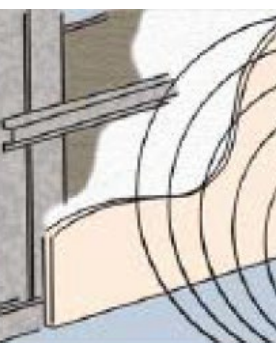
Condensation problems from water pipes can be eliminated easily and inexpensively with Tripolymer Foam Insulation in both new and retrofit construction. Tripolymer Foam Insulation also protects pipes from freezing by eliminating cold air infiltration and updraft.



### FIREWALL RATINGS

- Corrects deficiencies in firewall construction
- Allows for custom solutions to fire rating problems
- Stops internal wall fire updraft
- Does not support combustion

Tripolymer Foam Insulation's excellent fire-resistant properties are attributed to its unique phenolic chemistry. Tested by ASTM E-84, ASTM E-119 for steel stud, wood frame, load-bearing interior and exterior walls, and party wall partitions, Tripolymer Foam Insulation will increase fire-resistance ratings from 50% to 150%, eliminating the need to install costly gypsum.



### SOUND DEADENING

- Reduces sound transmission
- STC rating 53
- Can be applied to upgrade existing wall systems
- Useful for elevator shafts, pipe chases and party walls

Tripolymer Foam Insulation's cellular structure provides an effective acoustical barrier against airborne sound transmissions. It can be installed in both new and retrofit construction, eliminating sound transmission through interior and exterior walls. Tripolymer Foam Insulation reduces resonance vibration of interior finishes.