

The Boss, Cleanout and Test Tee Application for High Rise Projects

Problem

Contractors that specialize in high rise building construction, routinely test the DWV piping system after installation to ensure there are no leaks. In order to be efficient on the job, the testing needs to be done in a timely manner. Using traditional methods, such as inflatable plugs, only adds unwanted time to the project as there are several issues associated with this method. The plug can leak, which requires a retest that can take up to 2-3 hours. Water can spill inside the chase, soaking the person performing the test and posing a safety hazard in larger stacks. This can also increase the risk of mold, which can become a serious liability issue for the contractor.

Solution

Abbott Industries is an experienced contractor in the Chicago area and has been a leader in high rise construction for over 50 years. Bob Abbott, owner of Abbott Industries feels that he owes it to his customers to use a product that provides more reliability to the job and ultimately to their building. His choice for testing the piping is the Boss Tee, Cleanout and Test Tee by Jay R. Smith Mfg. Co. The Boss Tee, figure number 4505 is designed to work double duty in the sanitary DWV piping system: during construction to hydrostatically test up to three floors of the piping system for leaks then after testing as a standard cleanout tee.

Testing the piping system with The Boss Tee is simple compared to traditional methods. The large opening in the fitting allows for better hand access, which makes the testing easier. Simply install a raised head hex plug into the internal threading of the cleanout tee to seal off the stack. At the front of the cleanout tee remove the ½" raised head plug from the test port and add a water pressure gauge and boiler drain valve. The system can then be filled to its highest point with the installed pressure gauge indicating any system leaks. This is an excellent way for an inspector to make sure there are no leaks.

When testing and inspection are complete the piping system can be drained either down the stack, to the nearest floor drain, or an acceptable drain point. This drainage step helps to eliminate any water spills in the chase, which can lead to major cleanup expenses. With traditional testing methods accidental water spills into the chase are a common occurrence.

The contractor is pleased with the fact that he can test up to three floors without risk of failing or danger by using The Boss Tee. He also leaves this part of the construction project with peace of mind, knowing his work has been performed with a reliable product. To use the words of Mr. Bob Abbott, "Problems always come back to the contractor so it's worth my time to do it right."

If time savings, reliability, safety, mold reduction, and simpler methods are problems in your pipe system testing, then the Boss Tee is your answer.

For more information on this and other Jay R. Smith Mfg. Co. products, or to contact your local representative, visit the Virtual Yellow Pages Web site at www.jrsmith.com.

