

Whisper Quiet Shell Pipe™ Drain Covering Specification

Scope:

Provide the required components for the covering of 2", 3" and 4" PVC size vertical drain stacks with Whisper Quiet Shell Pipe™ including two half round sections of extruded pipe put together to form a Shell pipe covering system. Two built-in Tongue and Groove devices on the pipes will snap the two-half round pipes together. A minimum of two sound proof Flexible Spacer Rings should be installed on each end of the Shell pipe before covering the bare PVC drain stack piping. The Shell pipe will maintain a 1/8" air space around the entire circumference of the PVC drainage pipe. The air space absorbs most of the water sound coming from the bare PVC pipe, preventing the sound from passing through the Whisper Quiet Shell Pipe covering. The sound testing of the Shell pipe covering produced a 1.5 dB decibel difference between a 3" cast iron drain stack and the 3" Quiet Shell pipe with a 2.1dB decibel difference using a 4" cast iron drain stack. Effectively, the decibel difference is inaudible.

Install the Shell Pipe covering system in compliance with the Manufacturer's installation instructions with detail drawings from ProVent Systems, Inc. in Lawrenceville, GA. 30043.

Material:

The material used in ProVent's Shell Pipe covering is made with Type 1 PVC resin in accordance with thin wall pipe standards. The material is rated as Self Extinguishing from the Flammability Test by ASTM-D635. It is marked with ProVent Whisper Quiet Shell Pipe TM on one side.

The 3/4" Flexible Spacer Ring is made of a special sound reducing elastomeric flex material with two adhesive ends covered by a white paper, removed to expose the adhesive material in order to glue to the PVC bare pipe just before the Shell Pipe covering is installed.

Tongue and Groove configuration devices are built-in to both sides of the Shell Pipe in order to securely snap the two half round pipes together.

Installation:

The Plumbing Contractor shall be responsible for the installation of the Drain Stacks passing through the floors. The Plumbing Contractor shall provide any additional special size hangers to support the horizontal PVC pipe both before and after the Whisper Quiet Shell Pipe Covering is installed.

Install and complete the entire Shell Pipe Covering system in compliance with the Manufacturer's instructions.