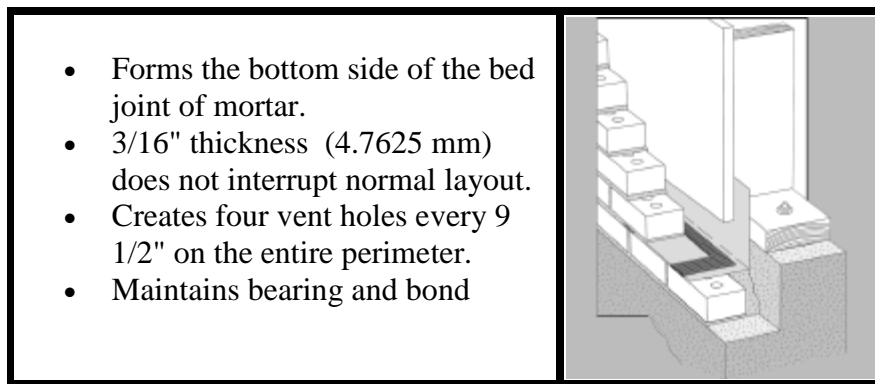


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SUBMITTAL SHEET: NO. 366 CAVITY VENT™ WEEP SYSTEM AND TEST DATA

The Cavity Vent™ Weep System creates **many openings** at the **lowest point** of the cavity or core of the wall, **continuously** along the wall. See [No. 365 Trash Mortar Diverter](#) and [No. 367 Core/Cavity Vent™ Weep System](#) for similar conditions.



Installation:

Clean the installation surface.

Position the Cavity Vent™ on flashings and waterstops with continuous edge toward the back of the cavity and the intermittent edge extending to the walls exterior, past the edge of the brick ledge.

Apply bed joint of mortar.

Install masonry units on the bed of mortar, following normal installation procedures.

Tool and finish mortar joints.

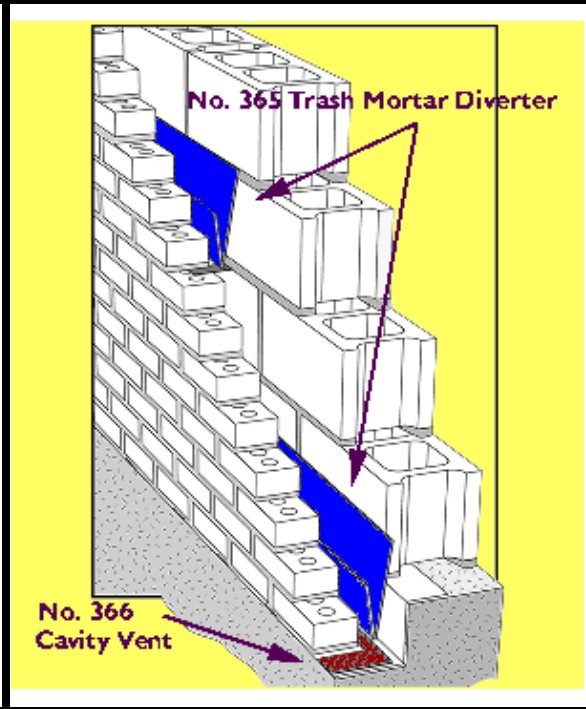
Use a common utility knife to score Cavity Vent™ at the wall line.

Break off excess Cavity Vent™ on the scored line.

No. 366 Cavity Vent™ comes in 7" x 50 ft rolls (17.78 cm x 15.24 m) - 12 rolls (600 lin ft) per box.

TEST REPORT

Two double wythe cavity walls were constructed in accordance with ASTM E 514 requirements. The test walls consisted of clay face brick, a cavity utilizing the **#365 Trash Mortar™ Diverter** and the **No. 366 Cavity Vent™ Weep System**, and a six-inch CMU back-up. The wall was constructed on an inverted steel channel, and the bottom course was laid on a bed of mortar. Full bedded mortar joints were used, and the walls were constructed one course at a time by applying mortar the full length of the bed joint, then buttering the ends of a brick and a CMU one at a time before setting on the bed joint. The walls were cured according to ASTM E 514-90 which requires curing for 7 days enclosed in plastic sheeting and for a minimum of 7 days subsequent curing in laboratory air. The total curing time for the walls was 14 days.



ASTM E 514-90 test procedures were followed throughout the tests. The test chambers were constructed of welded aluminum angle stock, and the observation face of the chamber was outfitted with Lexan sheet to allow full view into the chamber. All fixtures were in conformity with ASTM E 514-90, Section 4. Each frame was outfitted with a manometer to measure interior pressure and a flow meter to monitor the amount of flow. During the testing, the frame was pressurized to 10 psf, and the water flow was adjusted to 40.8 gal/hr which is equal to 3.4 gal/ft²/hr. The units were held in place with clamps, and a closed cell foam gasket material and silicone caulking provided the proper tight seal. To facilitate a tight seal, the test frame was attached to the clay brick making this the exposed face.

E 514 Water Penetration Test Record of Observations 72 Hour test - average of two walls tested	Wall 1	Wall 2
Cast Date	9/18/98	9/18/98
Test Date	10/2/98	10/2/98
Time of appearance of first dampness (min)	None	None
Time of appearance of first visible water (min)	None	None
Area of dampness after 72 hours (% of test area)	None	None
Water collected in 72 hour test period (liter)	None	None