

This text should be copied and pasted to appropriate section of Division 04 project specifications.

Important! *The specification of the CavClear products affects details as well. CAD specialist should contact CavClear/Archovations for information.*

PART 1 - GENERAL

1.1 SUMMARY

- A. Masonry drainage mat designed for air space maintenance, mortar dropping prevention, and drainage system for masonry cavities.
- B. Weep vents.

1.2 SUBMITTALS

- A. Submit two samples masonry mat, 6 x 6 inches in size, and manufacturer's product datasheet. Label samples indicating thickness to be used.
- B. Submit two samples weep vents, actual size and color, and manufacturer's product datasheet.

1.3 DELIVERY, STORAGE AND HANDLING

- A. Store masonry drainage mat in clean, dry, sheltered area, off ground, until used. Protect packaging from direct, prolonged exposure to sun.
- B. Protect weep vents packaging from rain.

PART 2 - PRODUCTS

2.1 MASONRY DRAINAGE MAT

- A. Manufacturer and Type: CavClear Masonry Mat as manufactured by Archovations, Inc., PO Box 241, Hudson, WI 54016, (888) 436-2620.
 - 1. Description: Full-height Air Space Maintenance and Cavity Drainage Mat. The masonry drainage mat shall be specifically designed for masonry cavities to prevent mortar from making contact with the backup and ensure water management. The masonry mat shall be fluid conducting, non-absorbent, mold and mildew resistant polymer mesh consisting of 100% recycled plastic with binder. Masonry drainage mat is to be a non-woven textile product in random pattern and have voids no greater than 1/4" in diameter. Masonry mat is to be designed for substantially continuous installation behind the full-height of all masonry.
 - 2. Masonry Drainage Mat Thickness: Select masonry mat thickness of [1/2] [3/4] [1] [1-1/4] [1-3/4] inches to allow no more than 3/8 inch tolerance between the masonry mat and masonry wythe.

Guide Specification – CavClear® Masonry Mat and CavClear® Weep Vents

3. Sizes: 16 inch x 8 foot pieces. 8 inch x 8 foot pieces when needed to accommodate other building components.

2.2 WEEP VENTS

- A. Manufacturer and Type: CavClear Weep Vents as manufactured by Archovations, Inc., PO Box 241, Hudson, WI 54016, (888) 436-2620.
 1. Description: Non-woven mesh with M-notched bottom.
 2. Color [selected by Project Architect] [white][manila] [harvest gold] [rose/salmon] [red] [gray] [charcoal] to match mortar.
 3. Size: 3/8 inch by [2-1/2 inches high by 3-1/2 inches] [_____] wide.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install masonry drainage mat continuously throughout full-height of all exterior masonry cavities during construction of exterior wythe; follow manufacturer's installation instructions. Verify that air space width is no more than 3/8 inch greater than masonry mat thickness. Install horizontally between joint reinforcement. Stagger end joints in adjacent rows. Use multiple layers at bottom of wall and above through-wall flashings when air space depth exceeds masonry mat thickness by more than 3/8 inch. Extend extra mat at least to top of base flashing. Butt adjacent pieces to moderate contact. Fit to perimeter construction and penetrations without voids.
- B. Place weep vents in head joints at exterior wythe of cavity wall located immediately above ledges and flashing, spaced 24 inches on center, unless otherwise shown. Leave the side of the masonry units forming the vent space unbuttered and clear of mortar. Install with notched side down. Slide vent material into joint as the two masonry units forming the weep vent are placed.



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