

## Product Data

# CAV-AIR-ATOR®

A Full Wall Drainage and Ventilation Mat

### Description

The CAV-AIR-ATOR® is a full wall drainage and ventilation mat for full brick or stone masonry walls. It prevents mortar from entering the cavity, clinging to wall ties, or blocking weep holes. The innovative design of the CAV-AIR-ATOR allows it to be extremely light and flexible so that it can easily rest on top of the brick ties.

The CAV-AIR-ATOR is made up of an extruded polymer matrix of entangled monofilaments. A lightweight breathable filter fabric is heat laminated on one side of the product to prevent mortar from entering the cavity while still allowing for enough finger room to lay the brick. In masonry walls, it leaves 96.5% of the cavity unobstructed and free to breathe. The extremely high airflow and lack of mortar intrusion allows for efficient liquid moisture drainage and uniform airflow in all directions.

Masonry structures are built to last for up to 100 years. However, excess moisture can affect the durability and longevity of the structure. A masonry wall needs an air space free of mortar and other debris to properly drain and ventilate. If moisture builds up and the wall is unable to dry, problems such as cracking, deterioration, and efflorescence may occur. The CAV-AIR-ATOR protects against moisture issues in masonry applications by providing an unobstructed air space for drainage and ventilation.

### Applications

- ✓ Brick
- ✓ Stone
- ✓ Schools, public works and institutional construction
- ✓ Residential applications for long-life construction
- ✓ For applications in which the useful life of the building is in excess of 50 years

### Features and Benefits

Creates a 96.5% void space in a masonry veneer cavity

Unobstructed ventilation from top of wall to bottom weeps

Lightweight pieces

16" and 24" size, designed to sit on top of masonry ties and install as the mason builds

Filter cloth laminated to the front prevents all mortar from entering the cavity

Springy design adjusts to varying cavity width

Filter cloth and springy design also allow mason to maneuver brick properly without skin abrasion

## Physical Properties

Description	Means of Measurement English/Metric		Value English/Metric	
Flame Spread	ASTM E84		Class A	
Core Polymer	Polymeric			
Thickness	Inches	Mm	<b>0.40</b>	10
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	6.0	203
Thickness	Inches	Mm	<b>0.75</b>	19
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	7.0	237
Thickness	Inches	Mm	<b>1.0</b>	25.4
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	8.0	271
Thickness	Inches	Mm	<b>1.75</b>	44
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	10.0	339

## Packaging

Description	Means of Measurement English/Metric		Value English/Metric	
<b>16" TIE SPACE PRODUCT</b>				
Core Width	Inches	CM	16.0	40.6
Length	Feet	Meters	4.0	1.22
Product	Per PIECE		Per BUNDLE	
	dimensions		pieces	sq ft
CAV 0.40	0.40" x 16" x 4'		30	<b>160</b>
CAV 0.75	0.75" x 16" x 4'		15	<b>80</b>
CAV 1.0	1.0" x 16" x 4'		15	<b>80</b>
CAV 1.75	1.75" x 16" x 4'		9	<b>48</b>

*Also available in 24" height*

See installation instructions for methods and procedures.

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The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



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