



Moisture
Management
For Masonry

Cav-Air-Ator®

Product Submittal Sheet

Description

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 Cav-Air-Ator allows it to be extremely light and flexible so that it can easily rest on top of the brick ties.

Short Form Spec

Provide 16" or 24" wide by 4' long strips of 3/8", 3/4", 1", or 1-3/4" thick structured strand polymer mesh with fabric facer behind cavity wall veneers. Install the full height of the wall to keep mortar droppings out of the cavity and allow for maximum drainage and ventilation. Install per manufacturer's instructions.

Product: Subject to compliance with requirements, provide Cav-Air-Ator® as manufactured by Keene Building Products

Manufacturer

Keene Building Products
877-514-5336
Fax 440-605-1120
info@keenebuilding.com
http://www.keenebuilding.com
PO Box 241353, Mayfield Heights, OH 44124

Substitutions

No substitutions permitted.

Thickness

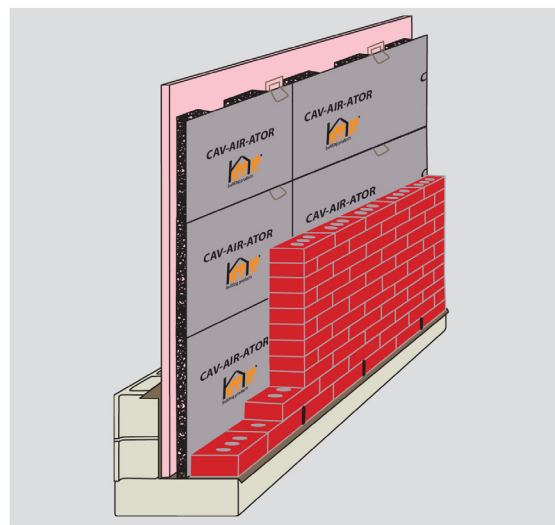
- ☐ 3/8"
- ☐ 3/4"
- ☐ 1"
- ☐ 1-3/4"

Width

- ☐ 16"
- ☐ 24"
- ☐ Custom

Length

- ☐ 4'
- ☐ Custom



Specification Title: _____

Project: _____ **Date:** _____

Firm: _____ **Phone:** _____

Approval: _____ **Date:** _____

General Contractor: _____

Bid Date: _____

Comments: _____

Cav-Air-Ator®

Technical Data

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.

Features and Benefits

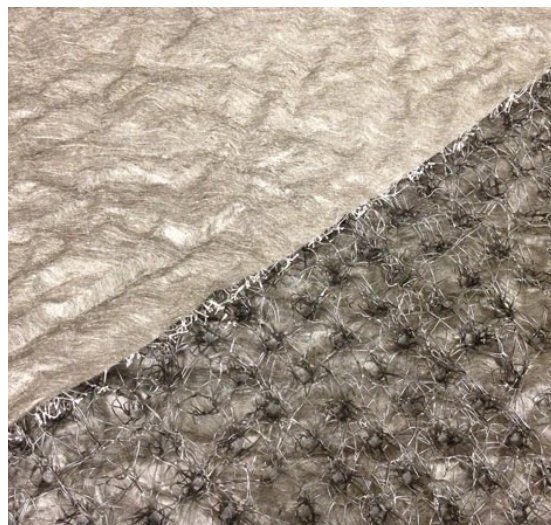
- Lightweight pieces 16" and 24" size, designed to sit on top of masonry ties and install as the mason builds
- Filter cloth laminated to the front prevents all mortar from entering the cavity
- Creates a 96.5% void space in a masonry veneer cavity
- Unobstructed ventilation from top of wall to bottom weeps
- Springy design adjusts to varying cavity width
- Filter cloth and springy design also allow mason to maneuver brick properly without skin abrasion

Sizes and Packaging

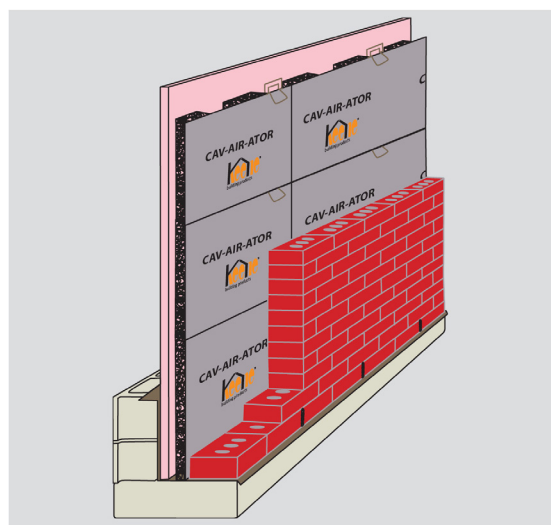
THICKNESS	WIDTH	LENGTH	FT2/ROLL	PIECES
3/8" (10MM)	16"	4'	160	30
3/4"	16"	4'	80	15
1"	16"	4'	80	15
1-3/4"	16"	4'	48	9

Recycled Content

THICKNESS	RECYCLED CONTENT
3/8" (10MM)	40% Post-consumer
3/4"	40% Post-consumer
1"	40% Post-consumer
1-3/4"	40% Post-consumer



Available in 3/8", 3/4", 1",
and 1-3/4" thicknesses



Cav-Air-Ator Wall Detail

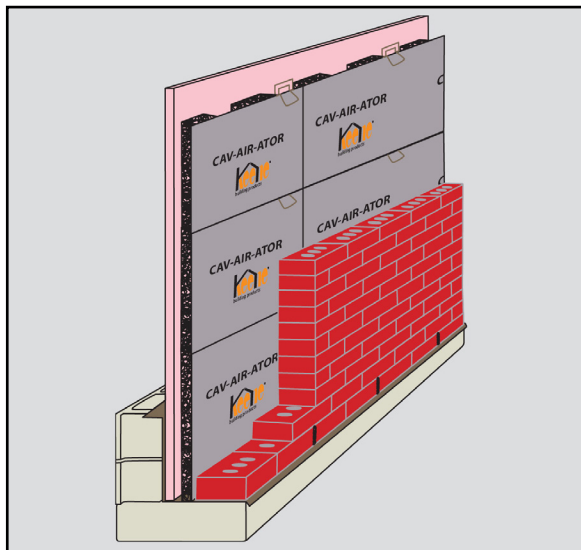
Cav-Air-Ator®

Installation Instructions/Packing Slip

Installation for Brick:

1. Install first course of brick. Remove any mortar or debris from the cavity.
2. Place the drainage mat in the cavity with the filter fabric facing out.
3. The product does not require any fasteners. It will rest on the brick ties and be friction fit in the cavity.
4. Install subsequent courses of brick, reaching the next brick tie.
5. Repeat this process continuously throughout the full-height of the masonry cavity wall.

NOTE: At the bottom of the wall and above all through wall flashings, use multiple layers if there is open airspace between the drainage mat and the brick veneer.



Safety Data Sheet (SDS)

According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

Section 1: Identification of the Products and the Company:

Product Name: Keene Building Products

Product Code: Keene Building Products

Keene Building Products

P.O. Box 241353

Mayfield Heights, OH 44124

Keene Building Phone: 440-605-1020

Web: www.keenebuilding.com

Products:

Assurance Products

Cav-air-ator Products

CDR Vent Products

Root Barrier Products

Driwall MC Products

Driwall Mortar Deflection Products

Driwall PCD Products

Driwall Protection Board Products

Driwall Rainscreen Products

Driwall Weep Screed Products

Driwall Weep Vent Products

Easy-Fur Products

Enviromat Products

KeedeBand

KeedeLath

KeeneStone Cut Products

KeedeRoll Products

N-Vire Mat Products

QQ Step Soft products

Quiet Qurl Products

Trident DD Products

Turf Turf Products

Vapor-Mat Products

Viper Vent Products

Viper Wrap Products

Chemtrec:

1- 800-424-6400

Chemtrec Global: 1-703-527-3887

Product Use: Walls and Flooring - Siding

Section 2: Hazard(s) Identification:

N/A

GHS Ratings:

GHS Hazards

GHS Precautions

Signal Word:

There are no GHS ratings that apply to this product at this time.

Section 3: Composition/Information on Ingredients:

Chemical Name	CAS number	Weight Concentration %

Section 4: First Aid Measures:

N/A

Section 5: Firefighting Measures:

Flash Point: N/A

UEL:

LEL:

N/A

Section 6: Accidental Release Measures:

N/A

Section 7: Handling and Storage:

N/A

Section 8: Exposure Control and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
	Not Established	Not Established	Not Established

N/A

Section 9: Physical and Chemical Properties:

N/A

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Section 10: Stability and Reactivity:

N/A

STABLE

Hazardous polymerization will not occur.

Section 11: Toxicological Information:

Mixture Toxicity

Effects of Overexposure

Section 12: Ecological Information:

N/A

Section 13: Ecological Information:

N/A

Section 14: Transport Information:

D.O.T.:

All Keene Building Products are not regulated by D.O.T. when shipped domestically by land.

T.D.G.:

All Keene Building Products are not regulated by T.D.G.. when shipped domestically by land.

Section 15: Regulatory Information:**OSHA Hazard Communication Standard:**

Products produced by Keene Building Products are deemed as "articles" and as such are exempt from the Code of Federal Regulations included in the OSHA Hazard Communication Standard.

<u>Country</u>	<u>Regulation</u>	<u>All</u> <u>Listed</u> <u>Components</u>
USA	Inventory - United States - Section 8(b) Inventory (TSCA)	Yes
Canada	DSL (Canadian Domestic Substance List)	Yes

EU Risk Phrases**Safety Phrase**

U.S. - TSCA:

- None

U.S. - SARA:

Section 16: Other Information:

We believe the information contained in this SDS is correct, however, because the material may be used under conditions over which we have no control, we give no warranty and assume no responsibility for any damage to person, property or business arising from such use. It is the responsibility of the user to ensure it is properly used. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances. This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Please notify us if you believe this SDS is inaccurate or incomplete.

Reviewer Revision

Date Prepared: 9/15/2016

Updated: 4/12/2021