

1. Product Name

Driwall™ Masonry Vent Systems & Driwall™ Rainscreen, including:

- Driwall™ Masonry Vent Systems
- Driwall™ Rainscreen 075
- Driwall™ Rainscreen 040
- Driwall™ Rainscreen 020
- Driwall™ Rainscreen 075-1
- Driwall™ Rainscreen 040-1
- Driwall™ Rainscreen 020-1
- Driwall™ Rainscreen 075-1 MC
- Driwall™ Rainscreen 040-1 MC
- Driwall™ Rainscreen 020-1 MC

2. Manufacturer

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3. Product Description

BASIC USE

Driwall™ Masonry Vent System

A chimney strip drainage system for exterior siding, these products are ideal for masonry applications. Masonry vents are placed vertically in a strip. The ventilation system lets moisture pass through the weep vents at the bottom of the wall. Building interiors remain dry, which helps prevent the formation of mold and mildew. Applications include:

- Commercial and residential masonry cavity walls 1" (25.4 mm) thick or less, or greater than 1" (25.4 mm) with additional insulation
- Stone masonry applications
- Traditional stucco applications

Driwall™ Rainscreen 075, 040, 020

Available in 3 thicknesses, 0.75", 0.375" and 0.25" (19.1, 9.5 and 6.4 mm), this randomly oriented geometric patterned drainage and ventilation mat is designed to eliminate moisture and moisture vapor in siding applications. It is especially useful in situations where the exposed element is susceptible to deterioration from the presence of moisture.

Driwall™ Rainscreen 075-1, 040-1, 020-1

Available in 3 thicknesses, 0.75", 0.375" and 0.25" (19.1, 9.5 and 6.4 mm), this 3-dimensional, randomly oriented, geometric patterned drainage and ventilation mat is heat-laminated to a nonwoven fabric. It provides an impenetrable surface in masonry walls and is designed to eliminate moisture and moisture vapor in siding applications. This family of products is useful in wall design when a clean cavity is desired, free from any excess mortar. A nonwoven fabric on the outside of the product ensures that no mortar can enter the cavity wall, thus permitting the weep vents to remain open.

Driwall™ Rainscreen 075-1 MC, 040-1 MC, 020-1 MC

Available in 3 thicknesses, 0.75", 0.375" and 0.25" (19.1, 9.5 and 6.4 mm), this random filament, cusped geometric patterned core is laminated to a breathable, tri-laminate, non-woven membrane. The resulting ventilation and drainage mat is designed to ensure a clean cavity wall by covering the entire inner wall with a 3-dimensional space. The breathable membrane prevents the ingress of liquid moisture while allowing moisture vapor to egress freely. Applications include:

- Commercial and residential masonry cavity walls 1" (25.4 mm) thick or greater
- Walls with and without insulation
- Where no mortar in the cavity is required
- Brick veneer and traditional brick applications
- Stone and other masonry applications

ACCESSORIES

Contact Keene Building Products for recommendations on compatible adhesives and tapes.

4. Technical Data

APPLICABLE STANDARDS

ASTM International - ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials

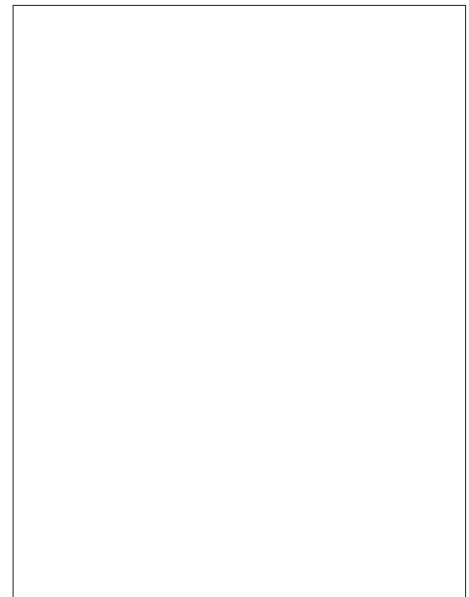
PHYSICAL PROPERTIES

Driwall Masonry Vent Systems

- Core polymer - Polypropylene
- Thickness - 0.375" (9.5 mm)
- Total weight - 16.1 oz/yd² (546 g/m²)
- Core weight - 12.6 oz/yd² (427 g/m²)
- Fabric weight - 3.5 oz/yd² (119 g/m²)

Driwall Rainscreen 075

- Core polymer - Polypropylene
- Thickness - 0.75" (19.1 mm)
- Total weight - 16.7 oz/yd² (566 g/m²)



- Core weight - 16.7 oz/yd² (566 g/m²)

Driwall Rainscreen 040

- Core polymer - Polypropylene
- Thickness - 0.375" (9.5 mm)
- Total weight - 12.6 oz/yd² (427 g/m²)
- Core weight - 12.6 oz/yd² (427 g/m²)

Driwall Rainscreen 020

- Core polymer - Polypropylene
- Thickness - 0.25" (6.4 mm)
- Total weight - 12.6 oz/yd² (425 g/m²)
- Core weight - 12.6 oz/yd² (425 g/m²)

Driwall Rainscreen 075-1

- Core polymer - Polypropylene
- Thickness - 0.75" (19.1 mm)
- Total weight - 20.2 oz/yd² (685 g/m²)
- Core weight - 16.7 oz/yd² (566 g/m²)
- Fabric weight - 3.5 oz/yd² (119 g/m²)

Driwall Rainscreen 040-1

- Core polymer - Polypropylene
- Thickness - 0.375" (9.5 mm)
- Total weight - 15.6 oz/yd² (529 g/m²)
- Core weight - 12.6 oz/yd² (427 g/m²)
- Fabric weight - 3.5 oz/yd² (119 g/m²)

Driwall Rainscreen 020-1

- Core polymer - Polypropylene
- Thickness - 0.25" (6.4 mm)
- Total weight - 9.8 oz/yd² (332 g/m²)
- Core weight - 9.8 oz/yd² (332 g/m²)
- Fabric weight - 2.3 oz/yd² (78 g/m²)

Driwall Rainscreen 075-1 MC

- Core polymer - Polypropylene
- Thickness - 0.75" (19.1 mm)
- Fabric weight - 3 oz/yd² (102 g/m²)



- Drivall Rainscreen 040-1 MC
- Core polymer - Polypropylene
 - Thickness - 0.375" (9.5 mm)
 - Fabric weight - 2.3 oz/yd² (78 g/m²)

- Drivall Rainscreen 020-1 MC
- Core polymer - Polypropylene
 - Thickness - 0.25" (6.4 mm)
 - Fabric weight - 2.3 oz/yd² (78 g/m²)

FIRE PERFORMANCE

- Drivall Rainscreen 075, 040, 020, 075-1, 040-1, 020-1
- Flamespread (ASTM E84) - Class A

5. Installation

PREPARATORY WORK

Handle and store product according to manufacturer's recommendations.

Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact. Store materials protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.

Verify that site conditions are acceptable for installation. Do not proceed with installation until unacceptable conditions are corrected.

APPLICATION

Drivall™ Masonry Vent System 4.0-040
Drivall Masonry Vents can be installed by simply placing an individual vent on the flashing fabric side out. Mortar is placed in the usual manner on top of the vent and holds it in place while the brick is set on top. When

finishing the joint, ensure that excess mortar does not clog the airspace.

Drivall Rainscreen (Residential and Commercial Siding Applications)

Drivall Rainscreen is installed in a similar manner as a building paper, using mechanical staple hammer or large head galvanized screws or nails to fasten.

Wall instructions - Place Drivall Rainscreen horizontally, starting at the bottom of the wall and working toward the top. Install only as much Drivall Rainscreen as will be covered by finished siding in a day. Start installation with mechanical fasteners on the top side of each roll. Continue fastening and stretching material toward the bottom and placing a fastener on 12" (305 mm) centers. Use a mechanical staple hammer or screw with large washer to attach the material to the sheathing. Pull tight to prevent pillowing of material on wall. Attach masonry anchoring on top of the Drivall Rainscreen.

Drivall Rainscreen is available with and without a nonwoven fabric. After installation of the Drivall Rainscreen, a layer of nonwoven fabric will create a mortar impermeable surface on the outside of the rainscreen. Starting at the top, lap the nonwoven fabric over the top edge of the adjacent piece.

Stucco - For stucco applications, fasten Drivall Rainscreen behind the wire mesh.

Masonry, brick and stone - Ensure that walls, windows and other parts are properly flashed. In the case of masonry and brick, place Drivall Rainscreen at the bottom but do not fasten through flashing. Ensure that the walls have weep holes to allow moisture to escape.

6. Availability & Cost

AVAILABILITY

Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.

COST

Budget installed cost information can be obtained from the manufacturer upon request.

7. Warranty

Keene products are warranted for 1 year to the initial purchaser. Contact the manufacturer for complete warranty details.



8. Maintenance

These products require no maintenance when installed in accordance with Keene's recommendations.

9. Technical Services

A staff of factory trained service personnel offers design assistance and technical support. For technical assistance, contact Keene.

10. Filing Systems

- Reed First Source®
- MANU-SPEC®
- Additional product information is available from the manufacturer.