



Flexible Air Sealing Tape 8069E FAST-D

Product Data Sheet

Date: October 2015
Supersedes: November 2014

Product Description

3M™ Flexible Air Sealing Tape 8069E FAST-D is an air, moisture and water impermeable tape with an aggressive, high-tack acrylic pressure sensitive adhesive on both sides of a unique multilayer elastomeric film. FAST-D has a red polyethylene liner.

Key Features

- Aggressive acrylic adhesive bonds to concrete, concrete block, anodized aluminium, galvanized metal, exterior gypsum and plywood without the use of any adhesion promoters.
- Multilayer Elastomeric Film backing seals around nails and staples to prevent moisture intrusion.
- Can be installed at temperatures as low as -20°C and as warm as +50°C

Physical Properties

	8069E FAST-D
Tape Colour	Tan
Total Tape Thickness (Film, Adhesive & Liner) (ASTM D-3652)	0,512 mm ± 0,009mm
Film & Adhesive	0,399 mm ± 0,005 mm
Liner	0,114 mm ± 0,004 mm
Backing	Multilayer Elastomeric Film
Release Liner	Polyethylene, red
Adhesive Type	Acrylic

Performance Characteristics

Adhesion to Stainless Steel 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (ASTM D-3330)	54N / 100mm
Adhesion Polyethylene 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (ASTM D-3330)	42N / 100 mm
Adhesion to Anodised Aluminium 90° peel @ room temp, 24 hr dwell, jaw speed 300mm/min (ASTM D-3330)	62 N / 100 mm
Application Temperature Performance	-20°C up to +50°C

Application Ideas

- Joining air and vapour membranes

Application Handling	<p>The following conditions apply to the use of 3M™ Flexible Air Sealing Tape 8069E FAST-D</p> <p>To obtain the best adhesion, 8069E FAST-D can be installed when outdoor temperatures range from -20°C up to +50°C, over clean surfaces that are free from ice, snow or frost, also from dirt and debris and have not absorbed water. Surfaces should be free of any damaged, unsupported areas, sharp protrusions or voids</p> <p>Concrete must be cured a minimum of 7 days before application. Block or brick walls should have mortar joints stuck flush.</p>
Storage	<p>This product is best stored at 20°C- 25°C and 50% r el. humidity in a clean and dry area.</p>
Shelf Life	<p>To obtain best performance, use this product within 12 months from date of dispatch by 3M.</p>
Precautionary Information	<p>Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information please contact your local 3M Office. www.3M.com</p>
For Additional Information	<p>To request additional product information or to arrange for sales assistance, call..... Address correspondence to: 3M</p>
Important Notice	<p>All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law</p>

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations



**3M a/s
Industri**

Hannemanns Allé 53

2300 København S

Tlf.: 43 48 01 00

Fax.: 43 20 15 65

E-mail: dkindustri@mmm.com

www.3Mindustri.dk