

Compatibility Listing for 3M Commercial Air Barrier Portfolio

Technical Bulletin

October 2020

The table below includes products that have been tested for adhesion to the following 3M Commercial Air Barrier Products. Self-adhered materials have been tested in lab conditions to meet the criteria of AMAA 711-13 per test method ASTM D-3330. Liquid applied materials have been tested to meet the criteria of AMAA 714-15a per test method ASTM C-794. If a specific product is not listed, it only means that 3M has not tested that product against these criteria. It should not be interpreted that this product does not meet the criteria unless it is noted. Likewise, if a product does not have a Y or N listed for a corresponding product, it only means that 3M has not tested the adhesion of those two products; it should not be interpreted that the products do or do not meet the criteria unless it is noted.

Common Product Adhesion Tested to 3M Portfolio	3015	3015VP	3015TWF	3015UC	3015NP
3M™ Air and Vapour Barrier 3015	Y	Y	Y	Y	Y
3M™ Permeable Liquid Flashing Membrane 3015LF	Y	Y	Y	Y	Y
3M™ Ultra Conformable Flashing Tape 3015UC	Y	Y	Y	Y	Y
3M™ Air Barrier with Permeable Backing 3015VP	Y	Y	Y	Y	Y
3M™ Polyurethane Construction Sealant 525	Y	Y	Y	Y	Y
3M™ Polyurethane Adhesive Sealant 540	Y	Y	Y	Y	Y
3M™ Adhesive Sealant 740 UV	Y	Y	Y	Y	Y
3M™ Adhesive Sealant 760 UV	Y	Y	Y	Y	Y
3M™ Holdfast 70 Cylinder Adhesive	Y	Y	Y	Y	Y
3M™ General Purpose 60CA Cylinder Adhesive	Y	Y	Y	Y	Y
3M™ Windo-Weld Super Fast Urethane	Y	Y	Y	Y	
AIR-SHIELD LM Air/Vapour and Liquid Moisture Barrier	Y	Y	Y	Y	
BASF Max Flash (Master Seal) AWB 900	Y	Y	Y	Y	
BASF NP 1	Y	Y	Y	Y	
BASF NP 150	Y	Y	Y	Y	Y
BASF Sonolastic 150 w/ VLM Technology	Y	Y	Y	Y	
Butyl	Y		Y	Y	
Carlisle 705TWF	Y	Y	Y	Y	
Spray Foam Insulation	Y	Y	Y	Y	

Y = Meets or exceeds criteria

N = Does not meet criteria

*Product should be evaluated

Common Product Adhesion Tested to 3M Portfolio	3015	3015VP	3015TWF	3015UC	3015NP
Dow Corning® 756 SMS Silicone Weather Barrier Sealant	Y	Y	Y	Y	Y
Dow Corning® 758 Silicone Weather Barrier Sealant	Y	Y	Y	Y	Y
Dow Corning® 790 Silicone Weather Barrier Sealant	Y	Y	Y	Y	Y
Dow Corning® 791 Silicone Weather Barrier Sealant	Y	N	Y	Y	
Dow Corning® 795 Silicone Weather Barrier Sealant	Y	N	Y	Y	Y
Dowsil™ 123 Silicone Seal	Y	Y	Y	Y	
Dymonic 100	Y	Y	Y	Y	
Dymonic FC	Y	Y	Y	Y	
EXOAIR® 120 SP	Y	Y	Y	Y	
Gardner Neoprene Flashing Cement			Y		
GE Exterior Silicone	Y		Y	Y	
GE Waterproof Silicone			Y		
Grace NPL10 and NPS	Y	Y	Y	Y	
Grace Perm-A-Barrier® Adhesive Primer	Y	Y	Y	Y	
Grace PPerm-A-Barrier® Primer Plus	Y	Y	Y	Y	
Grace Perm-A-Barrier® Low Temperature Wall Membrane	Y	Y	Y	Y	
Grace Perm-A-Barrier® Wall Flashing	Y	Y	Y	Y	
ISO Quad Max	Y	Y	Y	Y	
Loctite Premium PL	Y	Y	Y	Y	
Manus-Bond 27A	Y		Y	Y	
OSI Quad	Y	Y	Y	Y	Y
Pecora 890	Y	Y	Y	Y	Y
Pecora 895	Y	Y	Y	Y	Y
Pecora AVB, 100% silicone sealant	N	Y	Y	Y	
Polyurethane Sealants	Y	Y	Y	Y	
Prosoco R-Guard Fash Flash	Y	Y	Y	Y	Y
PTI 757 Butyl Sealant	Y		Y		
Sika Sarnavap	Y		Y		
Sika Sikafil-N Plus	Y		Y		
Sika Sikaflex 221	Y		Y	Y	
Sika Sikaflex 521UV	Y		Y	Y	
Sikaflex 2C SL			Y		
Silane Terminated hybrid sealants	Y	Y	Y	Y	
Soprema Sopraseal Stick 1100T	Y	Y	Y	Y	
Soprema Sopraseal Stick VP	Y	Y	Y	Y	
Tremco BURmastic® Glass Ply	Y	Y	Y	Y	
Tremco BURmastic® Adhesive SF	Y	Y	Y	Y	
Tremco Spectrem 1	Y	Y	Y	Y	Y
Tremco Spectrem 2	Y	Y	Y	Y	Y

Y = Meets or exceeds criteria

N = Does not meet criteria

Common Product Adhesion Tested to 3M Portfolio	3015	3015VP	3015TWF	3015UC	3015NP
Tremco Spectrem 3	Y	Y	Y	Y	Y
Vaproshield LiquiFlash	Y	Y	Y	Y	
W.R. Meadows Air-Shield	Y	Y	Y	Y	Y
York™ 304 Self-Adhering Stainless Steel	Y			Y	
York™ UniverSeal US-100 Liquid Tape	Y			Y	

Y = Meets or exceeds criteria

N = Does not meet criteria

The table below is a partial list of common building products that require 3M Commercial Air Barrier Products to adhere to them. These materials have been tested in lab conditions to meet the criteria of AMAA 711-13 per test method ASTM D-3330 for the acrylic-based tape products. These materials have been tested in lab conditions to meet the criteria of AMAA 714-15a per test method ASTM C-794 for the STPE based 3015LF. 3M's proprietary commercial air barrier products stick to a variety of building substrates without a primer where most butyl and bitumen adhesives require a primer. 3M acrylic adhesives are plasticizer free and have excellent adhesion to TPO, EPDM and plasticized vinyl membranes, STPE and polyurethane based sealants. Butyl- and bitumen-based adhesives are not compatible with many of these materials. If a specific product is not listed, it only means that 3M has not tested that product against these criteria. It should not be interpreted that this product does not meet the criteria unless it is noted. Likewise, if a product does not have a Y or N listed for a corresponding product, it only means that 3M has not tested the adhesion of those two products; it should not be interpreted that the products do or do not meet the criteria unless it is noted.

3M Portfolio Adhesion Tested to Common Building Products	3015	3015VP	3015TWF	3015UC	3015NP
3M™ Air and Vapour Barrier 3015	Y	Y	Y	Y	Y
3M™ Permeable Liquid Flashing Membrane 3015LF	Y	Y	Y	Y	Y
3M™ Air and Vapour Through Wall Flashing Tape 3015TWF	Y	Y	Y	Y	Y
3M™ Ultra Conformable Flashing Tape 3015UC	Y	Y	Y	Y	Y
3M™ Air Barrier with Permeable Backing 3015VP	Y	Y	Y	Y	Y
3M™ Polyurethane Construction Sealant 525	Y	Y	Y	Y	Y
3M™ Polyurethane Adhesive Sealant 540	Y	Y	Y	Y	Y
3M™ Adhesive Sealant 740 UV	Y	Y	Y	Y	Y
3M™ Adhesive Sealant 760 UV	Y	Y	Y	Y	Y
AIR-SHIELD LM Air/Vapour and Liquid Moisture Barrier	Y	Y	Y	Y	Y
Anodized metal	Y	Y	Y	Y	Y
BASF Max Flash (Master Seal) AWB 900	Y	Y	Y	Y	Y
BASF Sonolastic NP1	Y	Y	Y	Y	Y
BASF Walltite Eco Polyurethane Insulation	Y	Y	Y	Y	Y
Building Products R-4 Insulsheathing Structural Insulation Panels	Y	Y	Y	Y	Y
Butyl	Y	Y	Y	Y	Y

Y = Meets or exceeds criteria

N = Does not meet criteria

3M Portfolio Adhesion Tested to Common Building Products	3015	3015VP	3015TWF	3015UC	3015NP
Carlisle 705TWF	Y	Y	Y	Y	Y
Certainteed Glassroc Sheathing	Y	Y	Y	Y	Y
Concrete – cured 7 days	Y	Y	Y	Y	Y
Delta MS Board	Y	Y	Y	Y	Y
Dow Corning® 756 SMS Silicone Weather Barrier Sealant – Bonded in wet state	Y	Y	Y	Y	Y
Dow Corning® 758 Silicone Weather Barrier Sealant – Bonded in wet state	Y	Y	Y	Y	Y
Dow Corning® 790 Silicone Weather Barrier Sealant – Bonded in wet state	Y	Y	Y	Y	Y
Dow Corning® 791 Silicone Weather Barrier Sealant – Bonded in wet state	Y	Y	Y	Y	Y
Dow Corning® 795 Silicone Weather Barrier Sealant – Bonded in wet state	Y	Y	Y	Y	Y
Dymonic 100	Y	Y	Y	Y	Y
EXOAIR® 120 SP	Y	Y	Y	Y	Y
Expanded Polystyrene	Y	Y	Y	Y	Y
Extruded Polystyrene	Y	Y	Y	Y	Y
Fire-treated plywood	Y	Y	Y	Y	Y
Fire-treated wood blocking	Y	Y	Y	Y	Y
Galvanized Steel	Y	Y	Y	Y	Y
GE Exterior Silicone – Bonded in wet state	Y	Y	Y	Y	Y
GE Waterproof Silicone – Bonded in wet state	Y	Y	Y	Y	Y
Georgia Pacific DensGlass Sheathing	Y	Y	Y	Y	Y
Grace NPL10 and NPS	Y	Y	Y	Y	Y
Grace Perm-A-Barrier® Adhesive Primer	Y	Y	Y	Y	Y
Grace Perm-A-Barrier® Primer Plus	Y	Y	Y	Y	Y
Grace Perm-A-Barrier® Low Temperature Wall Membrane	Y	Y	Y	Y	Y
Grace Perm-A-Barrier® Wall Flashing	Y	Y	Y	Y	Y
Henry Blueskin SA	Y	Y	Y	Y	Y
Henry Permax 2.0 Foam Insulation	Y	Y	Y	Y	Y
Insulated Concrete Forms	Y	Y	Y	Y	Y
ISO Quad Max	Y	Y	Y	Y	Y
JM EPDM R 75 mil	Y	Y	Y	Y	Y
Lafarge Weather Defense Exterior Sheathing	Y	Y	Y	Y	Y
Loctite Premium PL	Y	Y	Y	Y	Y
Manus-Bond 27A	Y	Y	Y	Y	Y
National Gypsum Gold Bong eXP Extended Exposure	Y	Y	Y	Y	Y
OSB Board Smooth Side	Y	Y	Y	Y	Y
OSB Board Waffle Side	Y	Y	Y	Y	Y

Y = Meets or exceeds criteria

N = Does not meet criteria

3M Portfolio Adhesion Tested to Common Building Products	3015	3015VP	3015TWF	3015UC	3015NP
Pecora AVB, 100% silicone sealant – Bonded in wet state	Y	Y	Y	Y	Y
Plywood	Y	Y	Y	Y	Y
Polyurethane Sealants	Y	Y	Y	Y	Y
Proglaze ETA Engineered Transitions	Y	Y	Y	Y	Y
Prosoco R-Guard Fash Flash	Y	Y	Y	Y	Y
PTI 757 Butyl Sealant	Y	Y	Y	Y	Y
Rigid PVC	Y	Y	Y	Y	Y
RubberGard® LS FR EPDM Membrane	Y	Y	Y	Y	Y
Sarnavap Self-Adhered	Y	Y	Y	Y	Y
Sika Sikaflex 221	Y	Y	Y	Y	Y
Sika Sikaflex 521UV	Y	Y	Y	Y	Y
Silane terminated hybrid sealants	Y	Y	Y	Y	Y
Soprema Sopraseal Stick 1100T	Y	Y	Y	Y	Y
Soprema Sopraseal Stick VP	Y	Y	Y	Y	Y
Sure-Seal® EPDM Membrane	Y	Y	Y	Y	Y
Sure-Weld® TPO Membrane	Y	Y	Y	Y	Y
Synthetic Rubber	Y	Y	Y	Y	Y
Tremco BURmastic Glass Ply	Y	Y	Y	Y	Y
Tremco BURmastic® Adhesive SF	Y	Y	Y	Y	Y
USG Securock Sheathing	Y	Y	Y	Y	Y
Vaproshield LiquiFlash	Y	Y	Y	Y	Y
W.R. Meadows Air-Shield	Y	Y	Y	Y	Y
Window Trim	Y	Y	Y	Y	Y
York™ 304 Self-Adhering Stainless Steel	Y	Y	Y	Y	Y
York™ Flash-Vent	Y	Y	Y	Y	Y
York™ Multi-Flash 500	Y	Y	Y	Y	Y
York™ Multi-Flash SS	Y	Y	Y	Y	Y
York™ UniverSeal US-100 Liquid Tape	Y	Y	Y	Y	Y

Y = Meets or exceeds criteria

N = Does not meet criteria

Compatibility Listing for 3M Commercial Air Barrier Portfolio

For Additional Information

For additional information, please contact 1-800-362-3550.

Technical Information

The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer

Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.



This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



3M Industrial Adhesives and Tapes Division
3M Canada
P.O. Box 5757
London, Ontario N6A 4T1
1-800-364-3577

3M and 3M Science. Applied to Life., are trademarks of 3M. Used under license in Canada. © 2020, 3M. All rights reserved. All other trademarks mentioned are property of their respective owners. 2003-16966 E