



Compatibility Listing for 3M Commercial Air Barrier Portfolio

Technical Bulletin

January 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	3015LF
3M™ Air and Vapor Barrier 3015	Y	Y	Y	Y	Y
3M™ Permeable Liquid Flashing Membrane 3015LF	Y	Y	Y	Y	Y
3M™ Air & Vapor 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
3M™ Holdfast 70 Cylinder Adhesive	Y	Y	Y	Y	Y
3M™ General Purpose 60CA Cylinder Adhesive	Y	Y	Y	Y	Y
3M Window Weld	Y	Y	Y	Y	Y
AIR-SHIELD LM Air/Vapor & Liquid Moisture Barrier	Y	Y	Y	Y	Y
BASF Max Flash (Master Seal) AWB 900	Y	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	Y
BASF Sonolastic TX1					Y
Butyl	Y		Y	Y	
Carlisle 705TWF	Y	Y	Y	Y	Y
DAP 18128 Alex Plus					Y
DAP Waterproof Asphalt Sealant					Y
Spray Foam Insulation	Y	N	N*	Y	N

*Product should be evaluated

Common product adhesion tested to 3M Portfolio	3015	3015VP	3015TWF	3015UC	3015LF
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	
Dowsil™ 123 Silicone Seal	Y	Y	Y	Y	
Dymonic 100	Y	Y	Y	Y	Y
Dymonic FC	Y	Y	Y	Y	Y
EXOAIR® 120 SP	Y	Y	Y	Y	
Fire treated plywood					
Fire treated wood blocking					
Gardner Neoprene Flashing Cement			Y		Y
GE Exterior Silicone	Y		Y	Y	
GE Waterproof Silicone			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
ISO Quad Max	Y	Y	Y	Y	Y
Loctite Premium PL	Y	Y	Y	Y	Y
Manus-Bond 27A	Y		Y	Y	
OSI Quad	Y	Y	Y	Y	N
Pecora 890	Y	Y	Y	Y	Y
Pecora 895	Y	Y	Y	Y	Y
Pecora AVB, 100% silicone sealant	N	Y	Y	Y	Y
Polyurethane Sealants	Y	Y	Y	Y	Y
Prosoco R-Guard Fash Flash	Y	Y	Y	Y	Y
PTI 757 Butyl Sealant	Y		Y		Y
Sika Sarnavap	Y		Y		Y
Sika Sikafil-N Plus	Y		Y		Y
Sika Sikaflex 221	Y		Y	Y	
Sika Sikaflex 521UV	Y		Y	Y	
Sikaflex 2C SL			Y		Y
Silane Terminated hybrid sealants	Y	Y	Y	Y	Y
Tremco BURmastic Glass Ply	Y	Y	Y	Y	Y
Tremco BURmastic® Adhesive SF	Y	Y	Y	Y	Y
Tremco Spectrum 1	Y	Y	Y	Y	Y
Tremco Spectrum 2	Y	Y	Y	Y	Y

Common product adhesion tested to 3M Portfolio	3015	3015VP	3015TWF	3015UC	3015LF
Tremco Spectrum 3	Y	Y	Y	Y	Y
Vaproshield LiquiFlash	Y	Y	Y	Y	Y
W.R. Meadows Air-Shield	Y	Y	Y	Y	Y
York™ 304 Self-Adhering Stainless Steel	Y			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	3015LF
3M™ Air and Vapor Barrier 3015	Y	Y	Y	Y	Y
3M™ Permeable Liquid Flashing Membrane 3015LF	Y	Y	Y	Y	Y
3M™ Air & Vapor 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/Vapor & Liquid Moisture Barrier	Y	Y	Y	Y	
Anodized metal	Y	Y	Y	Y	Y
BASF Enershield I Air/Water Resistive Barrier Membrane	Y	Y	Y	Y	
BASF Max Flash (Master Seal) AWB 900	Y	Y	Y	Y	
BASF Sonolastic 150 w/ VLM Technology					Y
BASF Sonolastic NP1	Y	Y	Y	Y	
BASF Sonolastic TX1					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	N

3M Portfolio adhesion tested to common building products	3015	3015VP	3015TWF	3015UC	3015LF
Carlisle 705TWF	Y	Y	Y	Y	
Certaiteed Glassroc Sheathing	Y	Y	Y	Y	Y
Concrete - cured 7 days	Y	Y	Y	Y	Y
DAP 18128 Alex Plus					Y
DAP Joint Tape					Y
DAP Waterproof Asphalt Sealant					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	
Dow Corning® 758 Silicone Weather Barrier Sealant - Bonded in wet state	Y	Y	Y	Y	
Dow Corning® 790 Silicone Weather Barrier Sealant - Bonded in wet state	Y	Y	Y	Y	
Dow Corning® 791 Silicone Weather Barrier Sealant - Bonded in wet state	Y	Y	Y	Y	
Dow Corning® 795 Silicone Weather Barrier Sealant - Bonded in wet state	Y	Y	Y	Y	
Dowsil™ 123 Silicone Seal - Bonded in wet state					
Dymonic 100	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	
Fire treated wood blocking	Y	Y	Y	Y	
Galvanized Steel	Y	Y	Y	Y	Y
Gardner Neoprene Flashing Cement					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	
Grace PERM-A-BARRIER Adhesive Primer	Y	Y	Y	Y	
Grace PERM-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	
Henry Blueskin SA	Y	Y	Y	Y	Y
Henry Permax 2.0 Foam Insulation	Y	Y	Y	Y	
Insulated Concrete Forms	Y	Y	Y	Y	Y
ISO Quad Max	Y	Y	Y	Y	
JM EPDM R 75 mil	Y	Y	Y	Y	
Lafarge Weather Defense Exterior Sheathing	Y	Y	Y	Y	Y
Loctite Premium PL	Y	Y	Y	Y	
Manus-Bond 27A	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

3M Portfolio adhesion tested to common building products	3015	3015VP	3015TWF	3015UC	3015LF
Pecora AVB, 100% silicone sealant - Bonded in wet state	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	
Prosoco R-Guard Fash Flash	Y	Y	Y	Y	
PTI 757 Butyl Sealant	Y	Y	Y	Y	Y
Rigid PVC	Y	Y	Y	Y	
RubberGard® LS FR EPDM Membrane	Y	Y	Y	Y	
Sarnavap Self-Adhered	Y	Y	Y	Y	
Sika Sikafil-N Plus					Y
Sika Sikaflex 221	Y	Y	Y	Y	
Sika Sikaflex 2C SL					Y
Sika Sikaflex 521UV	Y	Y	Y	Y	
Silane terminated hybrid sealants	Y	Y	Y	Y	Y
Sure-Seal® EPDM Membrane	Y	Y	Y	Y	
Sure-Weld® TPO Membrane	Y	Y	Y	Y	
Synthetic Rubber	Y	Y	Y	Y	
Tremco BURmastic Glass Ply	Y	Y	Y	Y	
Tremco BURmastic® Adhesive SF	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	
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 = Meets or exceeds criteria					
N = Does not meet criteria					

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For Additional
Information

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

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