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Technical Bulletin #166 Pecora Sealant Adhesion to Air and Vapor Membranes

Product Type	Sealant					
	864NST	890NST	890FTS	895NST	AVB	Dynatrol I-XL HYBRID
Liquid Applied Air and Vapor Membranes						
BASF Acrostop R Vapor Permeable Membrane	R	R	R	R	R	ND
BASF MasterSeal AWB 660 (Formerly Enershield HP)	R	R	R	R	R	ND
BASF MasterSeal AWB 665	ND	R	R	ND	ND	ND
BASF Senershield-R	R	R	R	ND	R	ND
Carlisle Barriseal (Roller & Spray Grade)	NR	NR	NR	NR	R	ND
Carlisle Barritech NP	R	R	R	ND	R	ND
Carlisle Barritech VP	R	R	R	R	R	ND
Carlisle Barrithane VP (STPE)	R	R	NR	NR	NR	R
Dow DefendAir 200 Air & Weather Barrier	R	R	ND	ND	R	ND
Dryvit Backstop NT (Smooth and Textured)	R	R	R	R	R	ND
DuPont Tyvek Fluid Applied Weather Barrier	NR	NR	NR	NR	R	ND
GE Elemax 2600 Silicone Fluid Applied Air Barrier	R	R	R	R	R	R
GCP (Grace) Perm-A-Barrier Liquid	R	R	R	R	R	ND
GCP (Grace) Perm-A-Barrier VPL	R	R	R	R	R	ND
Henry Air-Bloc 16MR Vapor Permeable Air Barrier	R	R	R	R	R	NR ⁵
Henry Air-Bloc 17MR Vapor Permeable Air Barrier	R ²	R	R ²	R	R	R
Henry Air-Bloc 31MR Air & Vapor Barrier Membrane	R	R	R	R	R	ND
Henry Air-Bloc 32MR Air & Vapor Barrier Membrane	R	R	R	R	R	ND
Henry Air-Bloc 33MR UV Resistant Air & Weather Barrier	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
Henry Air-Bloc All Weather STPE Vapor Permeable Air Barrier	R	R	R	R	R	NR ⁵
Masterwall Rollershield VB Non-Permeable Air Barrier	R	R	R	R	R	R/P-120
Masterwall Rollershield RS Vapor Permeable Air Barrier	R	R	R	R/P-120	R	R
Masterwall Rollershield TG Vapor Permeable Air Barrier	R	R	R	R/P-120	R	R
Parex WeatherSeal Spray & Roll-On Membrane	R/P-120	R	R	R	R	ND
Pecora ProPerm VP Vapor Permeable Air Barrier	R	R	R	R	R	R
Pecora XL-Perm Ultra NP Non-Permeable Air Barrier	R	R	R	R	R	R
Pecora XL-Perm Ultra VP Vapor Permeable Air Barrier	R	R	R	R	R	R
Pro Clima VISCONN Fluid Applied Air Barrier	R/P-120	R/P-120	R/P-120	R/P-120	R	R/P-120
Prosoco R-Guard Cat 5 Air & Water Resistive Barrier	NR ⁴	NR ⁴	NR ⁴	NR ⁴	NR ⁴	NR ⁴
Prosoco R-Guard MVP Air & Water Resistive Barrier	R	R	R	R	R	ND
Prosoco R-Guard VB Air & Water Vapor Barrier	R	R	R	R	R	ND
Rub-R-Wall Airtight Air & Vapor Barrier Membrane	R/P-100	R/P-100	R/P-100	R/P-100	R	ND
Soprema Sopraseal LM 204 VP	R	R/P-100	R/P-100	R	R	NR
Sto AirSeal Air & Moisture Barrier	ND	R/P-120	R/P-120	ND	R	R/P-120
Sto Gold Coat	R	R	R	R	R	R
Sto Gold Fill Joint Compound/Air Barrier	R	R	R	R	R	R
Sto Emerald Coat	R	R	R	R	R	ND
Sto VaporSeal Air & Vapor Barrier	ND	R/P-120	R	ND	R	R/P-120
TK-Airmax 2102 Non-Permeable Membrane	R	R	R	R	R	ND
TK-Airmax 2105 Vapor Permeable Membrane	R	R	R	R	R	ND
Tremco ExoAir 120 SP/R (Spray/Roller Grade)	R	R	R	R/P120	R	ND
Tremco ExoAir 220 Fluid Applied, Asphaltic	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
Tremco ExoAir 230 & 230R	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
W.R. Meadows Air-Shield LMP	R	R	R	R	R	ND
W.R. Meadows Air-Shield LSR	R	R	R	R	R	R
W.R. Meadows Air-Shield TMP	ND	R	ND	R	R	ND
Architectural Coatings						
Pecora WeatherClad	R	R	R	R/P-120	R	R
StoCoat Lotusan	R/P-120	R/P-120	R/P-120	R/P-120	R	ND

Since Pecora architectural sealants are applied to varied substrates under diverse environmental conditions and construction situations, it is recommended that substrate testing be conducted prior to application. If this is not possible prior to sealant application a field adhesion test may be conducted as outlined in [Pecora's Technical Bulletin #55](#).



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Technical Bulletin #166 Pecora Sealant Adhesion to Air and Vapor Membranes

Product Type	Sealant					
	864NST	890NST	890FTS	895NST	AVB	Dynatrol I-XL HYBRID
Architectural Coatings (cont.)						
StoSilco Lastic	R	R	R	R	R	ND
Flashings & Self-Adhered Air & Vapor Membranes¹						
3M 3015VP Air & Vapor Barrier (vapor permeable)	R	R	R	R	R	R
3M 3015TWF Thru-Wall Flashing	R	R	R	R	R	R
3M 8067 All Weather Flashing Tape	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
BASF MasterSeal AWB 970 FIB	R	R	R	R	R	R
BASF Enershield-TWF (Thru Wall Flashing)	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
Carlisle CCW 705 & 705HT Self-Adhered Vapor Barrier	R	R	R	R	R	R
Carlisle CCW 705FR-A Self-Adhered Membrane	R	R	R	R	R	R
Carlisle CCW Fire Resist 705 VP	R/P-120	R/P-120	R/P-120	R/P-120	R	R
Carlisle CCW-711 Membrane & Flashing (70 & 90 mil)	R/P-120	R/P-120	R/P-120	R/P-120	R	NR
Carlisle CCW Barribond Liquid Flashing & Detail Sealant	NR	R/MEK ⁶	NR	NR	NR	R
Carlisle CCW MiraDRI 860/861	R	R	R	R/P120	R	ND
Carlisle SureSeal PS Elastofom Flashing	R	R	R	R	R	ND
CETCO ENVIROSHEET	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
Delta Flashing Tape	R	R	ND	ND	ND	ND
Delta LFS Liquid Flashing	R/P-120	R/P-120	ND	ND	ND	ND
Delta Stratus SA	R/P-120	R/P-120	ND	ND	ND	ND
Delta-Vent SA	NR	NR	NR	NR	R	ND
Dow Weathermate Straight Flashing	R	R	R	R/P120	R	ND
DuPont Duragard CM Transition Membrane	R	R	R	R	R	R
DuPont Flashing System	R	R	R	R	R	ND
DuPont Tyvek FlexWrap	NR	NR	NR	NR	R	ND
DuPont Tyvek FlexWrap NF	R	R	R	R	R	R
DuPont StraightFlash	R	R	R	R	R	ND
Dryvit AquaFlash	R	R	R	R	R	ND
Fiberweb Aquaflash 500 Waterproofing Membrane	R	R	R	R	R	ND
Firestone Enverge Air & Vapor SA Membrane	R	R	R	R	R	ND
Firestone Enverge Flashgard Thru-Wall Flashing	R	R	R	R/P-120	R	ND
Firestone Enverge Foil Flashing SA Tape	R	R	R	R	R	R
First-Wrap Moisture Barrier	R	R	R	R	R	ND
GCP (Grace) Bituthene Low Temperature	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
GCP (Grace) Bituthene 3000	R	R/P-120	R/P-120	R/P-120	R	ND
GCP (Grace) Bituthene 4000	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
GCP (Grace) Ice & Water Shield HT Membrane	R/P-120	R/P-120	R/P-120	R/P-120	R	R/P-120
GCP (Grace) Perm-A-Barrier Wall Membrane	R	R	R	R	R	R
GCP (Grace) Perm-A-Barrier Detail Membrane	R	R	R	R	R	R
GCP (Grace) Perm-A-Barrier Flashing	R	R	R	R	R	ND
GCP (Grace) Perm-A-Barrier Aluminum Flashing	R	R	R	R	R	R
GCP (Grace) NPS Non-Permeable Sheet	R	R	R	R	R	R
GCP (Grace) VPS Vapor Permeable Sheet	NR	NR	NR	NR	R	ND
GCP (Grace) VPS 30 Wall Membrane	R	R	R	R	R	R
GCP (Grace) Preprufe 300R	R/P-120	NR	NR	NR	R	ND
GCP (Grace) Vycor V-40	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
GCP (Grace) Vycor enV-S Weather Resistive Barrier	NR	NR	NR	NR	R	NR
GCP (Grace) Vycor Plus	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
GCP (Grace) Vycor Pro Self-Adhered Flashing	R	R	R	R	R	R
GCP (Grace) Ultra Self Adhered Roofing Underlayment	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
GE Elemax 5000 Liquid Flashing	R	R	R	R	R	NR
Georgia Pacific DensDefy Transition Membrane	R	R	R	R	R	R

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	864NST	890NST	890FTS	895NST	AVB	Dynatrol I-XL HYBRID
Flashings & Self Adhered Air & Vapor Membranes¹ (cont.)						
Georgia Pacific DensDefy Liquid Flashing	R	R	R	R	R	R
HB Plain Copper Flashing	R	R	R	R	R	ND
HB Copper-Flex Copper Fabric Flashing	R	R	R	R	R	ND
HB Copper SA Thru Wall Flashing	R	R	R	R	R	ND
HB Flex-Flash Flashing	R	R	R	R	R	ND
HB Mighty Flash Stainless Steel Fabric Flashing	R	R	R	R	R	ND
HB Plain Stainless Steel Flashing	R	R	R	R	R	ND
HB TextroFlash Thru Wall Flashing	R	R	R	R	R	ND
HB X-Seal Air & Vapor Barrier	R	R	R	R	R	ND
Henry Blueskin SA	R	R	R	R	R	R
Henry Blueskin SA LT (Low Temp)	R	R	R	R	R	R
Henry Blueskin VP 100	R ²	R ²	R ²	R ²	R	R ²
Henry Blueskin VP 160	NR	NR	NR	NR	R ²	R ²
Henry Blueskin Butyl Flash	R	R	R	R	R	R
Henry Blueskin Metal Clad Air Barrier	R	R	R	R-P-120	R	ND
Henry Blueskin PE200HT High Temp Roofing Underlayment	R/P-120	NR	NR	NR	R	NR
Henry Foilskin SA Weather Barrier Membrane	R	R	R	R/P-120	R	ND
Henry Air-Bloc LF (Liquid Flashing)	R	R	R	R	R	R
Henry TWF (Thru Wall Flashing)	R/P-120	R/P-120	R/P-120	R/P-120	R	R
Henry WP200 Waterproofing Membrane	R	R	R	R	R	R
Hydrotech Flex Flash MB (Granulated)	R	R	R	R	R	ND
Hydrotech Flex Flash UN	R	R	R	R	R	ND
Hydrotech Hydroflex 30	R	R	R	R	R	ND
Hyload Jamb Closure Flashing Membrane	R	R	R	R	R	ND
Hyload Surface Adhered Flashing Membrane (w/ DRIP)	R	R	R	R	R	ND
James Hardie HardieWrap Flex Flashing	R	ND	R	R	R	R/P-120
MFM WindowWrap PowerBond	ND	R	ND	ND	ND	ND
MFM WindowWrap PSX-20 Flashing	R	R	R	R	R	R
Pecora XL-Flash Liquid Flashing & Joint Filler	R	R	R	R	R	R
Polyguard Airllock Sheet 200 BU/NP	R	R	R	R/P-120	R	R/P-120
Polyguard 400 Thru Wall Flashing Membrane	R	R	R	R	R	ND
Polyguard 650 Waterproofing Membrane	ND	R	R/P120	ND	R	ND
Polyguard UV365 Flashing Membrane	R	R	R	R	R	R
Prosoco AirDam STP Liquid Flashing	R ²	R ²	R ²	R ²	R	ND
Prosoco R-Guard Fast Flash (Gun Grade)	R	R	R	R	R	ND
Prosoco R-Guard Fast Flash (Roller Grade)	NR	NR	NR	NR	R	R
Protecto Wrap BT20XL Butyl	R	R	R	R	R	R
Protecto Wrap PW 100/40	R	R	R	R	R	R
Protecto Wrap Protecto Seal 45	R	R	R	R	R	R
Protecto Wrap Protecto Seal 45 Butyl	R	R	R	R	R	R
SIGA Rissan 430 Grey Non-Permeable Membrane	R	R	R	R	R	R/P-120
Soprema Sopraseal Liquid Flashing	R	R	R	R	R	R
Soprema Sopraseal Stick VP	NR	NR	NR	NR	R	NR
Soprema Sopraseal Stick 1100T	R/P120	R/P120	R/P120	R/P120	R	R
Soprema Soprasolin HD	R/P120	R/P120	R/P120	R/P120	R	R/P-120
Sto RapidGuard Liquid Flashing	NR	NR	NR	NR	NR	R
Tremco ExoAir 110/110LT & 110AT	R	R	R	R	R	R
Tremco Dymonic 100 Sealant & Liquid Flashing	R/P-120	R/P-120	R/P-120	R/P-120	R	R
TYPAR All-Temperature Flashing	NR	NR	NR	NR	R	NR
VaproShield VaproLiqui-Flash	NR	NR	NR	R ⁴	R ⁴	R
VaproShield RevealShield SA Membrane	R	R	NR	R	R	ND

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Product Type	Sealant					
	864NST	890NST	890FTS	895NST	AVB	Dynatrol I-XL HYBRID
Flashings & Self Adhered Air & Vapor Membranes¹ (cont.)						
VaproShield WrapShield SA Membrane	NR	NR	NR	NR	R	ND
Waterblock Wrap	R	R	R	R	R	R
W.R. Meadows Air Shield Aluminum Flashing	R	R	R	R	R	R
W.R. Meadows Air Shield Liquid Flashing	ND	R	ND	ND	ND	R
W.R. Meadows Air Shield Self-Adhering Air Barrier	R	R	R	R/P-120	R	ND
W.R. Meadows Air Shield Thru-Wall Flashing	R	R	R	R/P-120	R	ND
W.R. Meadows Mel-Rol Waterproofing Air Barrier	R/P-120	R/P-120	R/P-120	R/P-120	R	R
York Multi-Flash 500 Copper Fabric Flashing	ND	ND	ND	ND	R	ND
York 304 Stainless Steel Flashing	ND	ND	ND	ND	R	ND
ZIP System Flashing Tape (Huber)	R	R	R	R	R	ND
Air and Vapor Building Wraps						
Barricade Plus Building Wrap	R	R	R	R/P-120	R	ND
Delta Fassade S UV-Resistant Water Resistive Barrier	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
DuPont Tyvek Commercial & Home Wrap	NR	NR	NR	NR	R	ND
GreenGuard MAX Building Wrap	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
TYPAR MetroWrap Building Wrap	R/P-120	R/P-120	R/P-120	NR	R	ND
VaproShield RevealShield Air Barrier Membrane	NR	NR	NR	NR	R	ND
Wraptror Building Wrap	ND	ND	ND	NR	R	ND
Wraptror HP Building Wrap	ND	ND	ND	R/P-120	NR	ND
Accessories						
Delta Flex-Band Tape	R/P-120	R/P-120	ND	ND	ND	ND
DuPont Tyvek Tape	R/P-120	R/P-120	R/P-120	R/P-120	R	ND
DuPont Tyvek Residential Sealant	R	R	R	R	R	R
HB Multi-Purpose Sealant	NR	NR	NR	NR	NR	R
Henry 925 BES Sealant	NR	NR	NR	NR	R/P-120	R
Hyload Structural Roofing Sealant ³	R	R	R	R	R	ND
Pecora XL-Span Silicone Transition Membrane	R	R	R	R	R	R
Prosoco R-Guard Joint & Seam Filler (FR7200)	R	R	R	R	R	ND
StoGuard Tape	R	R	R	R	R	ND
VaproShield VaproAluma Tape	R	R	R	R	R	ND

¹ Application to polyethylene side only (where applicable). Contact with asphaltic side of peel and stick may result in discoloration and loss of adhesion.

² For use in static (non-moving) joints only

³Hyload sealant must be fully cured prior to application of Pecora sealant

⁴ Consult Pecora Technical Services for installation requirements.

⁵ Not recommended due to potential incompatibilities at sealant/substrate interface

⁶ MEK solvent wipe required prior to Pecora sealant application. Consult Technical Service for details.

