Dymonic 100

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Air Barrier Selection Guide*
ExoAir® Membranes

Category	Products	Class 1 Vapor Retarder/ Impermeable	Vapor Permeable	UV Resistant	High Temperature	Cold Temperature Application	NFPA 285	Primerless
Sheet Membrane	ExoAir 110	•						
	ExoAir 110AT	•		•	•	•	•	•
Fluid Membrane	ExoAir 120	•						•
	ExoAir 130	•		•	•		•	•
	ExoAir 220		•				•	•
	ExoAir 230		•	•	•		•	•
Accessories	ExoAir TWF	•						
Flashing of the Rough Opening	Dymonic 100		•	•	•		•	•
	ExoAir 110	•						
	ExoAir 110AT	•		•	•	•	•	•
	ExoAir 230 & Mesh		•	•	•		•	•

* The Air Barrier Selection Guide is to be used as a general reference. Please consult your local Tremco Manufacturer's Representative for regional recommendations based on your local building practices and warranty requirements.

Reference the current product data sheet on our website at www.tremcosealants.com for more specific product information.

Tremco Commercial Sealants & Waterproofing
3735 Green Road, Beachwood, OH 44122 // Phone: 216.292.5000 // 800.321.7906 • 220 Wicksteed Avenue, Toronto, ON M4H 1G7 // Phone: 416.421.3300 // 800.363.3213 • 1451 Jacobson Avenue, Ashland OH 44805 // Phone: 419.289.2050 // 800.321.6357

www.tremcosealants.com   0418/ABSG

Dymonic® 100

Pushing the limits of performance.

Dymonic 100 works where other sealants fail.

- Compatibility with all Tremco Vulkem deck coatings, ExoAir air barrier products and TREMproof cold-applied waterproofing membranes

- Exceptional movement capability +100/-50

- Adheres to green and damp concrete

- 10 year warranty

- Outstanding sag resistance when used in wide joints

- Excellent weathering characteristics

- Non-yellowing white

- Paintable

Dymonic® 100

TREMCO

+100/-50% Movement, High Performance Polyurethane Sealant

300 mL
(10.1 U.S. fl. oz./liq.)

TREMCO®

Commercial Sealants & Waterproofing

![TREMCO® Commercial Sealants & Waterproofing]

Tremco offers corrosion-resistant fluid-applied flashing to prevent moisture from entering the wall cavity or penetration of water to the building structural framing components.

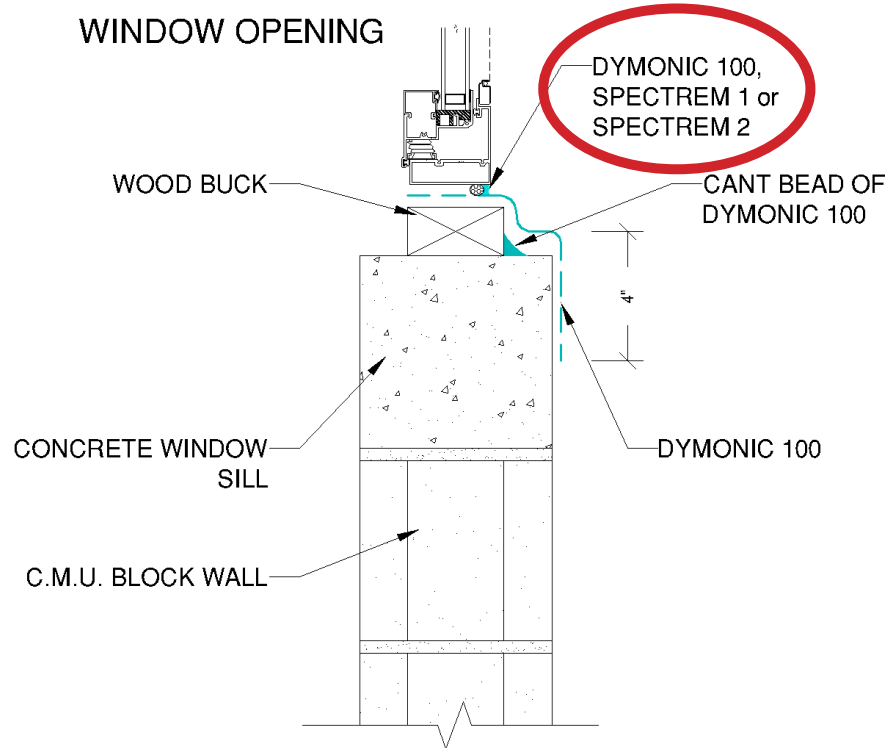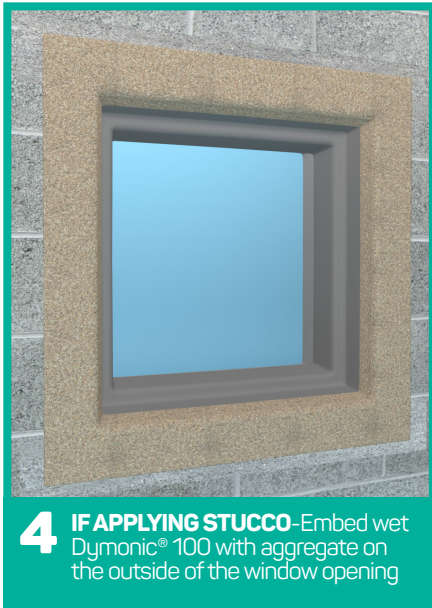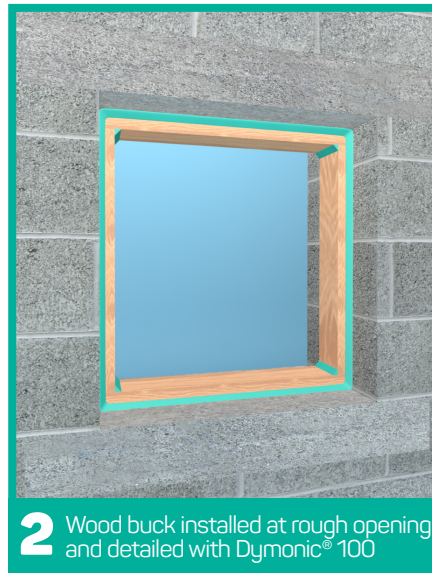# Dymonic® 100 Flashing & Spectrem® Silicones

Basic uses

- Rough openings in both masonry and exterior sheeting applications
- Exterior window, door and sliding glass door openings
- Penetrations and termination of exterior wall assemblies
- Where wood-frame construction attaches to concrete
- At wall and roof intersections

Benefits

- Can be applied to damp or green concrete
- Fast, UV stable cure
- Primerless adhesion to most substrates
- Corrosion-resistant flashing
- Single-lift application without mesh, laps or seams
- Proven, tested connectivity from wall to window
- Approved for use as per Florida Building Code 1405.4 and Residential Code R703.8

FLUID-APPLIED FLASHING Dymonic® 100 and Spectrem® Silicones

1 Dymonic® 100 applied on inside of rough opening

2 Wood buck installed at rough opening and detailed with Dymonic® 100

3 Dymonic® 100 applied over entire surface

4 IF APPLYING STUCCO-Embed wet Dymonic® 100 with aggregate on the outside of the window opening

WINDOW OPENING

DYMONIC 100, SPECTREM 1 or SPECTREM 2

WOOD BUCK

CANT BEAD OF DYMONIC 100

4"

CONCRETE WINDOW SILL

DYMONIC 100

C.M.U. BLOCK WALL

DYMONIC® 100 APPLICABLE STANDARDS

ASTM C920 Sealant Specification Class 50, Grade NS, Type S

AAMA 714 Voluntary Specification for Liquid-Applied Flashing

ASTM E2357 Air Leakage of Assemblies (applied as liquid-applied flashing in multiple assemblies)

ASTM E331 Water Penetration of Assemblies (applied as liquid-applied flashing in multiple assemblies)

NFPA 285 Fire Assembly Testing (applied as liquid-applied flashing in multiple assemblies)

ASTM E84 Surface Burning Characteristics

Information may vary by region. For specific information, please contact your local Tremco CSW representative.   FL0216

Sealant Selection Guide

	Vulkem 116	Vulkem 45SSL	Dymonic 100	Vulkem 445SSL	Dymeric 240FC	THC 901	Dymonic FC	Spectrem 1	Spectrem 2	Spectrem 3	Spectrem 4-TS	Spectrem 800	Spectrem 900SL	Tremsil 200	Tremsil 600	Proglaze SSG	Proglaze II	Proglaze	Trenflex 834	Butyl Sealant	Acoustical Sealant	Tremco 830	Illmod 600**
Chemistry	U	U	U	U	U	U	H	S	S	S	S	S	S	S	S	S	S	S	A	B	B	T	PT
Non-Sag or Pourable	NS	P	NS	P	NS	P	NS	NS	NS	NS	NS	NS	P	NS	NS	NS	NS	NS	NS	NS	NS	NS	O
Single- or Multi-Component	S	S	S	M	M	M	S	S	S	S	M	S	S	S	S	S	S	S	S	S	S	S	O
SWRI			Yes							Yes	Yes												
GREENGUARD Gold			Yes		Yes		Yes	Yes	Yes	Yes	Yes			Yes	Yes	Yes	Yes	Yes	Yes				Yes
Movement Capability	±25%	+100/-50%*	+100/-50%*	+100/-50%*	±50%*	±25%	±35%	+100/-50%	±50%	±50%*	±50%*	+100/-50%	+100/-50%	±25%	±25%	±25%	±25%	±25%	±12.5%	up to ±10%		±12.5%	
Masonry																							
Poured Concrete	●	●	●	●	●		●	●	●	●	●	●			●					●			●
Cast-in-Place / Tilt-Up	●		●		●		●	●	●	●	●	●			●					●			●
CMU Block	●	●	●				●	●	●	●	●				●					●			●
Brick	●	●	●		●		●	●	●	●	●				●					●			●
Natural Stone	●	●	●		●		●	●	●	●	●				●								●
Stucco	●		●		●		●			●	●												●
Reservoir‡	●		●																				
Metals																							
Curtain Walls		●	●		●		●	●	●	●	●	●			●						●		
Flashing	●	●	●		●		●	●	●						●					●		●	
Sidings	●	●	●		●		●	●	●	●					●				●	●		●	
Window and Door Perimeters	●	●	●		●		●								●				●			●	●
EIFS			●		●		●	●		●	●												●
Vinyl and Plastics	●	●	●		●		●	●	●						●				●			●	●
Green and Damp Concrete		●	●	●																			●
Glass								●	●					●	●	●	●	●		●		●	
Wood	●	●	●		●		●	●	●	●					●				●	●	●		●
Drywall (Gypsum) / Metal Stud Partition																			●		●		●
General Glazing																							
Toe Bead								●	●							●	●						
Heel Bead								●	●							●	●						
Cap Bead								●	●							●	●	●				●	
Weather Seal	●		●		●		●	●	●	●					●								
Bedding							●		●						●			●	●	●		●	
Structural Glazing																							
Tensile Bead 2-Sided									●							●	●						
Tensile Bead 4-Sided																●	●						
Protective Glazing																							
Hurricane/Impact									●							●	●						
Bomb Blast									●							●	●						
Tub and Tile / Sanitary														●									
Jet Fuel Resistance	●	●	●	●									●										

LEGEND:

Chemistry
U = Urethane
H = Hybrid
S = Silicone
A = Acrylic
B = Butyl
T = Thermoplastic
PT = Pre-Compressed Tape

Non-Sag or Pourable
NS = Non-Sag
P = Pourable
O = Other

Single- or Multi-Component
S = Single-Component
M = Multi-Component
O = Other

The Sealant Selection Guide should only be used as a guide. Reference the Data Sheet for more specific information and/or consult your local Tremco Representative or Technical Services.

* Modified ASTM C719

** Illmod 600 can be used in non-immersed applications where there is no ponding water and as a backer rod on horizontal joints.

‡ For use in non-treated, non-potable water.

For priming recommendations, please contact Tremco Technical Services or reference the Primer Guide on our web site.

FIRESTOPPING SOLUTIONS

Committed to protecting life safety

Comprehensive Solutions

Once a fire has started, containing it to the area of origin allows occupants to find safe passage to emergency exits and first responders to get into the building to assist with evacuation before working to extinguish the fire. Buildings are constructed with fire-rated walls and floors to allow these compartments to be created, but joints between assemblies or penetrations in assemblies can negate the protection they were designed to provide. The assembly may remain intact, but the flames and deadly gasses simply pass through unsealed joints and penetrations to spread throughout the building.

For more than 25 years, Tremco has been dedicated to making the built environment safer for occupants by providing complete building envelope protection solutions against fire, water, sound and air covering the foundation through the roof. We provide an innovative and economical firestop product line coupled with experienced sales and technical representatives who work with designers and contractors to ensure optimal solutions for specific applications in today's construction.

Features & Benefits

- Firestopping systems - The TREMstop® line of fire protection products features sealants, intumescents, field-fabricated devices and forming material with more than 400 independently tested fire-rated systems for through penetrations and joints.
- Engineerings judgments - Our experience, from building codes through installation, enables engineering judgments for specific applications.
- Sales support - From assistance with submittal packages to general firestopping or installation training, Tremco provides the assistance and support you need.
- On-site support - On-site conditions may vary, presenting challenged on the job. Tremco's technical field sales representative can work with installers to provide an appropriate solution or immediate assistance is available by calling Technical Services at 1-866-209-2404.

TREMCO™

Product Selection

TREMstop Sealants
- Acrylic Gun Grade
- Acrylic Spray
- Fyre-Sil Gun Grade
- Fyre-Sil Self-Leveling
- Smoke & Sound
- Smoke & Sound Spray

TREMstop Intumescents
- Moldable Putty
- Superstrip

TREMstop Mortar/Devices
- Mortar
- Master Collar Roll
- FS Blanket

		Smoke Partition Joints & Penetrations	Fire-Rated Assembly Smoke Partition Through Assembly Joints (ASTM E 1966/UL2079, CAN/ULC-S115)	Fire-Rated Assembly Through Penetrations (ASTM E 814/UL 1429, CAN/ULC-S115)
FIRESTOP PRODUCTS	TREMstop Acrylic	✓	✓	✓
	TREMstip Acrylic SP	✓	✓	
	TREMstop Fyre-Sil	✓	✓	✓
	TREMstop Fyre-Sil SL	✓	✓	✓
	TREMstop Smoke & Sound	✓		
	TREMstop Smoke & Sound SP	✓		
	TREMstop SuperStrip			✓
	TREMstop Fire Mortar		✓	✓
	TREMstop MP			✓
	TREMstop FS Blanket		✓	✓
POLYURETHANE PRODUCTS	Dymonic® 100	✓	✓	
	Dymeric® 240 FC	✓	✓	
	Vulkem® 45 SSL	✓	✓	
HYBRID PRODUCTS	Dymonic FC		✓	

Due to the varying on-site conditions, this chart should be used only as a guideline.

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