



07 DIVISION
THERMAL AND
MOISTURE PROTECTION

SEALANT PRODUCT SELECTION GUIDE



*A Line of Versatile Colored Sealants Formulated to
Match or Contrast with SPEC MIX Colored Mortars.*

SPEC MIX® IS YOUR SOURCE FOR HIGH PERFORMANCE CONSTRUCTION SEALANTS



SPEC MIX SM100 Gray Sealant on an interior burnished CMU wall.

SPEC MIX® develops and manufactures systems of high-performance sealant materials that provide protection in commercial and residential buildings, as well as a variety of industrial and transportation applications. Our sealant products undergo rigorous testing to ensure they meet the highest standards of quality, durability, and performance, consistently setting the benchmark in the industry.

SPEC MIX has built its reputation on the innovative design and quality manufacture of masonry mortar and grout products and is now offering these same advantages for sealants and adhesives. In doing so, we can provide our customers with unique capabilities and a line of sealants that can be matched to SPEC MIX specified colors including smooth and textured finishes. SPEC MIX Sealants are designed to provide the applicator with a product that has superior gunning and finishing characteristics. SPEC MIX Sealants have been tested to meet industry standards including Sealant Waterproofing & Restoration Institute (SWRI) validation.

SPEC MIX continually invests in state-of-the-art laboratory equipment, mixers and filling lines, as well as a new 90,000 square foot facility dedicated to the development and manufacture of sealant products that continually exceed industry performance standards.

Our products are available in a diverse range of packaging sizes and formats, offering flexibility for both large-scale and smaller, specialized projects.

SEALANT PRODUCT SELECTION CHART

PRODUCTS	HNS-35	HNS-35T	SNS-35	HSL-25
SPECIFICATIONS				
Movement Capacity	+/-35	+/-35	+/-35	+/-25
ASTM C920	●	●	●	●
Grade (Pourable or Non-Sag)	NS	NS	NS	P
Type	S	S	S	S
Uses	NT, A, G, M			
Federal Specification TT-S-00230C	Type II, Class A			
Federal Specification TT-S-001543A			Class A	
AAMA 802.3-16			Type II	
AAMA 803.3-16			Type I	
AAMA 808.3-16			●	
Paintable	●	●		●
SUBSTRATES				
Concrete	●	●	●	●
Masonry	●	●	●	●
Masonry Hardscape /Paver	●	●	●	●
Stucco & EIFs	●	●	●	
Precast	●	●	●	
Tilt Up Concrete	●	●	●	
APPLICATIONS				
Horizontal Applications	●	●	●	●
Vertical Applications	●	●	●	
Expansion Joints	●	●	●	●
Control Joints	●	●	●	●
Window and Door	●	●	●	
Driveways/ Garage Aprons	●	●	●	●
Crack Repair in Horizontal Surfaces	●	●	●	●
Crack Repair in Vertical Surfaces	●	●	●	
Brick Paver Joints	●	●	●	●
Joint Sealing	●	●	●	●
General Adhesive	●	●	●	

AVAILABLE SIZES



10.1 fl oz (300 mL)
CARTRIDGE



20 fl oz (591 mL)
SAUSAGE



29 fl oz (857 mL)
CARTRIDGE



4 gallon (15.1 L)
PAIL



SPEC MIX HYBRID SEALANTS PROVIDE STRONG ADHESION, EXCELLENT MOVEMENT AND ARE PAINTABLE.

SPEC MIX SM100 Gray HNS-35 HYBRID Sealant on a CMU wall.

HNS-35 HYBRID SEALANT



**HIGH PERFORMANCE.
PERMANENTLY FLEXIBLE.**



SPEC MIX SM800 Black HNS-35 Hybrid Sealant matching SPEC MIX SM800 Black Portland Lime & Sand Type S Water Repellent Mortar.

SPEC MIX® HNS-35 Hybrid Sealant is a high performance, permanently flexible, easy-to-use advanced polymer sealant. The product cures rapidly when exposed to atmospheric moisture to form a durable bond and can be applied in a wide range of temperature and weather conditions -40°F to 140°F (-40°C to 60°C). It is ideal for high performance applications that require accommodation for joint movement.

SPEC MIX HNS-35 Hybrid Sealant colors are designed to match or contrast the building façade and SPEC MIX specified mortar colors. SPEC MIX Sealant comes in multiple package formats for ease of application.

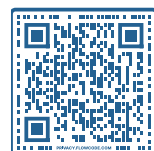
SPEC MIX HNS-35 Hybrid Sealant provides aggressive adhesion to common building substrates. The product has no solvents and very low levels of volatile organic compounds (VOCs). Meets or exceeds requirements for ASTM C920 Type S, Grade NS, Class 35, Uses NT, A, G, M. Federal Specification TT-S-00230C Type II Class A.

CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 20 minutes @ 70°F (21°C) / 50% RH
Tack Free Time	Internal Method	< 60 minutes @ 70°F (21°C) / 50% RH
Cure Rate	Internal Method	1/4 in (6.3 mm) Bead in 48 Hours
VOC	EPA Method 24	< 14 g/L, less water and exempt solvents
100% Modulus of Elasticity	ASTM D412	100 PSI to 200 PSI (0.68 MPa to 1.37 MPa)
Shore A	ASTM C661	30 ± 5
Movement Capacity	ASTM C719	± 35%
Tensile Strength	ASTM D412	150 PSI to 250 PSI (1.03 MPa to 1.72 MPa)
Staining	ASTM D2203	None
Sag/ Slump	ASTM D2202	Minimal; < 0.2 in
UV Rating	ASTM G154	No discoloration or change in appearance after 2,500 hours.
Service Temperature	Internal Method	-40°F to 200°F (-40°C to 93°C)
Viscosity	RV T-E @ 4 rpm	Approx. 500,000 cP
Density	Internal Method	Approx. 13.5 lb /gal (1.61 g/ml)
Flash Point	Closed Cup	Solvent Free/ Not Applicable

FEATURES

- WIDE APPLICATION TEMPERATURE RANGE -40°F TO 140°F (-40°C TO 60°C)
- PERMANENTLY FLEXIBLE
- PAINTABLE IN 2 HOURS
- SUPERIOR ADHESION
- USE FOR VERTICAL AND HORIZONTAL SURFACES
- AGGRESSIVE ADHESION TO COMMON CONSTRUCTION SUBSTRATES
- LOW VOCs
- NON-SAG



HNS-35T TEXTURED HYBRID SEALANT



SUPERIOR GUNNING AND TOOLING. TEXTURED FINISH.

AVAILABLE
IN COLOR

SPEC MIX SM680 Rosewood HNS-35T Textured Hybrid Sealant matching SPEC MIX SM680 Rosewood Portland Lime & Sand Type N Mortar.

SPEC MIX® HNS-35T Textured Hybrid Sealant is a textured, high performance, permanently flexible advanced polymer sealant. The product cures rapidly when exposed to atmospheric moisture to form a durable bond and can be applied in a wide range of temperature and weather conditions -40°F to 140°F (-40°C to 60°C). It is ideal for high performance applications that require accommodation for joint movement.

SPEC MIX HNS-35T Textured Hybrid Sealant colors are designed to match or contrast the building façade and SPEC MIX specified mortar colors. SPEC MIX Sealant comes in multiple package formats for ease of application.

SPEC MIX HNS-35T Textured Hybrid Sealant provides aggressive adhesion to common building substrates. The product has no solvents and very low levels of volatile organic compounds (VOCs). Its textured appearance makes it easy to blend into the surrounding surfaces. Meets or exceeds requirements for ASTM C920 Type S, Grade NS, Grade 35, Uses NT, A, G, M. Federal Specification TT-S-00230C Type II, Class A.

CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 20 minutes @ 70°F (21 °C) / 50% RH
Tack Free Time	Internal Method	< 60 minutes @ 70°F (21 °C) / 50% RH
Cure Rate	Internal Method	1/4 in Bead in 48 Hours
VOC	EPA Method 24	< 14 g/L, less water and exempt solvents
100% Modulus of Elasticity	ASTM D412	100 - 200 PSI (0.68 MPa to 1.37 MPa)
Shore A	ASTM C661	35 ± 5
Movement Capacity	ASTM C719	± 35%
Tensile Strength	ASTM D412	125 - 225 PSI (0.86 MPa to 1.55 MPa)
Staining	ASTM D2203	None
Sag/ Slump	ASTM D2202	Minimal; < 0.2 in
UV Rating	ASTM G154	No discoloration or change in appearance after 2,500 hours.
Service Temperature	Internal Method	-40°F to 200°F (-40°C to 93.3°C)
Viscosity	RV T-E @ 4 rpm	Approx. 900,000 cP
Density	Internal Method	Approx. 13.6 lb /gal (1.61 g/ml)
Flash Point	Closed Cup	Solvent Free/ Not Applicable

FEATURES

- TEXTURED APPEARANCE
- WIDE APPLICATION TEMPERATURE RANGE -40°F TO 140°F (-40°C TO 60°C)
- PERMANENTLY FLEXIBLE
- PAINTABLE IN 2 HOURS
- SUPERIOR ADHESION
- USE FOR VERTICAL AND HORIZONTAL SURFACES
- AGGRESSIVE ADHESION TO COMMON CONSTRUCTION SUBSTRATES
- LOW VOCs
- NON-SAG



SNS-35 SILICONE SEALANT



LOW SAG. MAXIMUM DURABILITY.

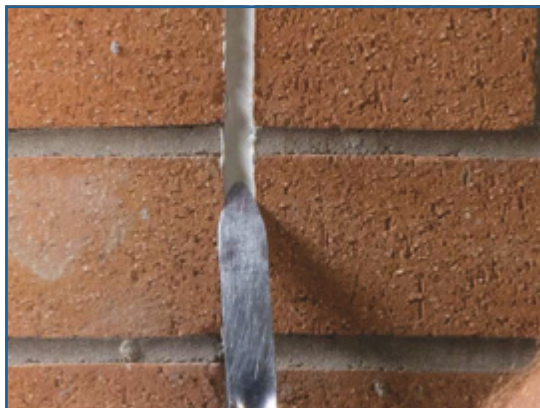
AVAILABLE
IN COLOR

SPEC MIX SM100 Gray SNS-35 Silicone Sealant matching SPEC MIX SM100 Gray Masonry Cement & Sand Type N Mortar.

SPEC MIX® SNS-35 Silicone Sealant is a one component, non-sag, permanently flexible neutral cure silicone sealant. The product is engineered to deliver excellent adhesion to vinyl, glass, aluminum, wood, masonry, concrete, sheet metal, and other common building materials, without the need of a primer.

SPEC MIX SNS-35 Silicone Sealant colors are designed to match or contrast the building façade and SPEC MIX specified mortar colors. SPEC MIX Sealant comes in multiple package formats for ease of application.

SPEC MIX SNS-35 Silicone Sealant cures rapidly when exposed to atmospheric moisture to form a durable tight bond. It is the preferred product by users, because it does not leave odors associated with other silicones. Meets or exceeds requirements for ASTM C920 Type S, Grade NS, Class 35, Uses NT, A, G, M. Federal Specification TT-S-001543A, Class A. AAMA 802.3-16, Type II, AAMA 803.3-16, Type I, AAMA 808.3-16.



CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 15 minutes @ 70°F (21°C) / 50% RH
Tack Free Time	Internal Method	< 30 minutes @ 70°F (21°C)/ 50% RH
Cure Rate	Internal Method	1/4 in (6.3 mm) in Bead in 48 Hours
VOC	EPA Method 24	< 34 g/L, less water and exempt solvents
Elongation @ Break	ASTM D412	450% to 500%
100% Modulus of Elasticity	ASTM D412	40 PSI to 80 PSI (0.27 MPa to 0.55 MPa)
Shore A	ASTM C661	20 ± 5
Movement Capacity	ASTM C719	± 35%
Tensile Strength	ASTM D412	120 PSI to 170 PSI (0.82 MPa to 1.17 MPa)
Staining	ASTM D2203	None
Sag/ Slump	ASTM D2202	Minimal; < 0.2 in
UV Rating	ASTM G154	No discoloration or change in appearance after 2,500 hours.
Service Temperature	Internal Method	-40°F to 350°F (-40°C to 176.7°C)
Viscosity	RV T-E @ 4 rpm	Approx. 1,000,000 cP

FEATURES

- EXCELLENT UV RESISTANCE
- PERMANENTLY FLEXIBLE
- NON-PAINTABLE
- SUPERIOR ADHESION
- USE FOR VERTICAL AND HORIZONTAL SURFACES
- AGGRESSIVE ADHESION TO COMMON CONSTRUCTION SUBSTRATES
- LOW VOCs
- NON-SAG



HSL-25 SELF LEVELING HYBRID SEALANT



SPEC MIX® HSL-25 Self-Leveling Hybrid Sealant is a high performance, one component advanced polymer sealant that is self-leveling and permanently flexible. The product's advanced chemistry delivers a fast-curing solution, across a wide range of temperatures, that is ideal for horizontal construction and industrial applications where self-leveling is critical to the finished product.

SPEC MIX HSL-25 Self-Leveling Hybrid Sealant contains no solvents and very low volatile organic compounds (VOCs). The product can be painted in as little as 2 hours. Meets or exceeds requirements of ASTM C920 Type S Grade P Class 25, Uses NT, A, G, M.

FEATURES

- EXCELLENT UV RESISTANCE
- PERMANENTLY FLEXIBLE
- PAINTABLE IN 2 HOURS
- SUPERIOR ADHESION
- USE FOR VERTICAL AND HORIZONTAL SURFACES
- AGGRESSIVE ADHESION TO COMMON CONSTRUCTION SUBSTRATES
- LOW VOCs
- NON-SAG

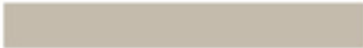
CHEMICAL & PHYSICAL PROPERTIES

Skin Time	Internal Method	< 60 minutes @ 70°F (21°C) / 50% RH
Tack Free Time	Internal Method	< 100 minutes @ 70°F (21°C) / 50% RH
Cure Rate	Internal Method	1/4 in (6.3 mm) in Bead in 48 Hours
VOC	EPA Method 24	< 18 g/L, less water and exempt solvents
100% Modulus of Elasticity	ASTM D412	40 PSI to 60 PSI (0.27 MPa to 0.41 MPa)
Shore A	ASTM C661	28 ± 5
Movement Capacity	ASTM C719	± 25%
Tensile Strength	ASTM D412	100 PSI to 150 PSI (1.03 MPa to 1.72 MPa)
Staining	ASTM D2203	None
UV Rating	ASTM G154	No discoloration or change in appearance after 2,500 hours
Service Temperature	Internal Method	40°F to 200°F (-40°C to 93°C)
Viscosity	RV T-E @ 4 rpm	Approx. 95,000 cP
Density	Internal Method	13.6 lb/gal (1.62 g/mL)
Flash Point	Closed Cup	Solvent Free/ Not Applicable



SPEC MIX SEALANT COLORS

FORMULATED TO MATCH OR CONTRAST SPEC MIX MORTAR COLORS.
TEXTURED FINISHES ONLY AVAILABLE IN HYBRID NON-SAG PRODUCTS.

SEALANT COLORS		TEXTURED SEALANT COLORS
	SM940 Aluminum	
	SM945 Silver	
	SM100 Gray	
	SM910 Natural White	
	SM200 White	
	SM250 Antique White	
	SM300 Light Buff	
	SM270 Tanglewood	
	SM350 Suede	
	SM400 Medium Buff	
	SM770 Sable	
	SM960 Light Bronze	
	SM600 Dark Brown	
	SM750 Silverstone	
	SM950 Aluminum Stone	
	SM670 Burgundy	
	SM680 Rosewood	
	SM805 Eclipse	
	SM985 Bronze	
	SM990 Dark Bronze	
	SM995 Onyx	
	SM970 Evergreen	

* The sample sealant colors shown are provided to demonstrate the colors available. THE SAMPLE COLORS ARE ONLY APPROXIMATE. No variation in color between the color samples and the product can be guaranteed. It is recommended that a sample panel is constructed using all representative materials and allowed to fully cure. The panel should be approved prior to construction.

TECHNICAL SUPPORT

CONTACT YOUR LOCAL SPEC MIX MANUFACTURER
VISIT WWW.SPECMIX.COM



WARNING IMPORTANT: READ SAFETY DATA SHEET CAREFULLY BEFORE USING. WEAR IMPERVIOUS GLOVES, SUCH AS NITRILE, AND EYE PROTECTION. MAY IRRITATE SKIN AND EYES. MAY BE HARMFUL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN.
SPEC MIX PRODUCTS ARE PRODUCED BY ITS MANUFACTURING FACILITIES THROUGHOUT THE U.S. AND CANADA. EACH MANUFACTURER ADHERES TO A STRICT QUALITY ASSURANCE PROGRAM TO ENSURE COMPLETE QUALITY CONTROL IN EVERY BATCH.