



MOMENTIVE
performance materials

silicone Multisil*

Product Description

Multisil silicone is a one part, low modulus silicone sealants which undergoes a neutral cure when exposed to atmospheric moisture. The resulting rubber like seal exhibits high elasticity and excellent durability against sunlight, UV radiation, rain, snow and temperature extremes. Multisil silicone has a good adhesion to most common building materials such as: glass or glazed surfaces, aluminium and other metals, masonry, treated wood, concrete, PVC and many other plastics.

Key Performance

- UV-resistant
- Excellent durability
- Unaffected by high or low temperatures
- Weathering resistant
- 100 %-silicone
- Low-modulus
- High elasticity
- Fast curing
- High movement capability
- Low odor

Key Applications

- Glazing
- Construction
- Joint Sealing
- Bonding
- Assembly
- Bathroom & Kitchen

Material Adhesion

Multisil silicone adhere to many common building materials such as glass, concrete, various metals and painted wood without the use of a primer¹. The sealant is also designed to have excellent adhesion to a broad range of thermoplastics.

¹ Qualification testing is advised. In certain cases the use of a primer may be required.





PRODUCT PORTFOLIO

	Acetoxy	Neutral
Special Applications	1200* High Heat	Pensil* 300 Reflexsil* SSG 4000
Top Performance	Contractors Tradesil A	Silpruf* Silglaze* N Multisil*
	Sanitary A	Sanitary N
High Performance	Silplus* AS	Silplus* X
	1200 GC* ¹	
	1200 HC* ¹ 1000 A	

¹ Only available in limited number of countries

PRODUCT DATA

General Product Data			
Cartridge Availability	ml		310
Foils Availability	ml		400/600
Colors Available			On request
Curing System			Neutral
Segment	Performance		Top
Uncured Product Data			
Specific Gravity			1.03
Application Rate	g/minute	6 mm orifice, 2 bar pressure	400
Sag	mm	ISO 7390	<2
Tooling Time	minutes	at 23°C, 50 % RH	10
Tack Free Time	minutes	at 23°C, 50 % RH	20
Shelflife	months		13
Application temperature	(°C)		+5 / +40
Cured Product Data			
Hardness (Shore A)	Shore A	DIN 53505	20
Full Cure	days		1 - 5
Tensile Strength	MPa	ASTM D 412 (die C)	1.2
Tensile modulus @ 100 % elongation	MPa	ASTM D 412 (die C)	0.3
Elongation at break	%	ASTM D 412 (die C)	550
Tensile adhesion modulus @ 100 % elongation	MPa	ISO 8339 (glass substrates)	0.32
Tensile adhesion strength at break	MPa	ISO 8339 (glass substrates)	0.56
Tensile elongation at break	%	ISO 8339 (glass substrates)	300
Peel adhesion strength	Kn/m	ASTM C 794	6
Temperature resistance	(°C)		-50 / +100

CERTIFICATION

France: Label SNJF / VITRAGE n° 345, FACADE n° 344, CLASSE F25E/G25E, Code 11 - **UK:** Tested to BS 5889 A - **Germany:** Entspricht den Anforderungen der DIN 18545-E, DIN 18540 - **Sweden:** MTK Husama Group 58 - **Italy:** Conforme alle Norme UNI 9610 / UNI 9611 - **International:** ISO 11600 F + G 25 LM

HANDLING & SAFETY

Material Safety Data Sheets are available upon request from Momentive Performance Materials. Uncured product may irritate eyes, respiratory system and skin. In case of contact with eyes, flush immediately with plenty of water and seek medical attention. Avoid oral contact. Use only in well ventilated areas. Keep out reach of children.

INSTRUCTION FOR USE

Surface must be clean, dry and free from oil, grease, dust and other loose matter. Detergent or soap and water treatments are not recommended. Surfaces should be cleaned with alcohol, M.E.K. or other suitable solvent. The solvent used should be checked for compatibility with adjacent materials that it will contact.

INFORMATION

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