



SEAL IT RIGHT - 168

One Part Neutral Cure Silicone Sealant

Product Description

SEAL IT RIGHT-168 is a one-component silicone sealant which cures to a high modulus silicone rubber on exposure to atmospheric moisture at room temperature. This product is a ketoxime cure sealant which does not emit the odors associated with acetoxy cure sealants, and is virtually non-corrosive to metal. In addition to its exceptional high and low temperature resistance, water resistance, and outstanding weatherability, SEAL IT RIGHT-168 sealant also offers excellent adhesion to glass, metal concrete and numerous construction materials.

Key Features and Typical Benefits

- Single component, ready-to-use sealant
- Room temperature cure
- Neutral cure (ketoxime cure)
- Easy gunnability over a wide temperature range
- Good maintenance of flexibility
- Excellent adhesion to many materials

Packaging

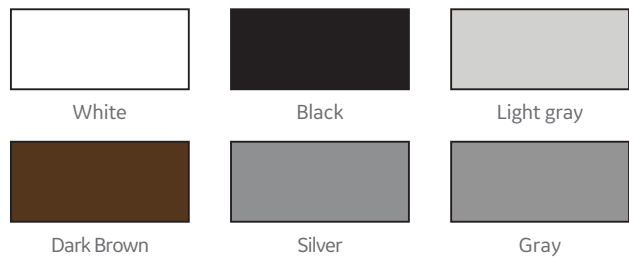
300 gram e cartridge available in carton box of 24 pieces

Potential Applications

- Sealant for glass-to-glass and glass-to-metal sashing
- Sealant for pre-fabricated housing, freight containers, cold storage rooms interior sealing in building and housing

Colors

Grade	Color	Container	Weight (g)
W	White	Cartridge	309e
C	Clear	Cartridge	309e
B	Black	Cartridge	309e
G2	Light gray	Cartridge	309e
DB	Dark Brown	Cartridge	309e
S	Silver	Cartridge	309e
G	Gray	Cartridge	309e



Typical Physical Properties

Typical physical property values of SEAL IT RIGHT - 168 Sealant as supplied and cured are set forth in the tables below:

Typical Properties – Uncured

Property		Value
Consistency		Paste
Specific Gravity	(23°C)	1.03
Extrudability	sec	3
Tack-Free Time	(23°C) min	15
Slump	mm	<1

Typical properties are average data and are not to be used as or to develop specifications.

Typical Properties – Cured

Property	Value
Hardness	25
Tensile strength MPa	1.2
Elongation %	300
Adhesion area	100% cohesion failure
UV resistance	Excellent
Joint movement capability	±25%(ASTM C719)

Test Method: JIS A 1439
Typical properties are average data and are not to be used as or to develop specifications.

Installation

Surface Preparation

Substrate surface should be thoroughly cleaned with an appropriate suitable solvent such as alcohol, xylene, or methyl ethyle ketone (MEK). Do not use soap, detergent or water. Wipe the surface dry. Sealant will not properly adhere to a wet substrate.

Masking

To obtain a neat sealant line, use masking tape to cover areas adjacent to any joints before priming.

Primers

A preliminary adhesion test is recommended to ascertain proper adhesion. For difficult-to-bond substrates, use of a primer (TOSPRIME C,D or E) is suggested. Allow primer to dry thoroughly before proceeding.

Back-up Material

Do not apply sealant directly to an organic rubber such as chloroprene or EPT, etc., as this may cause the silicone sealant to stain.

Applying and tooling sealant

Cut nozzle to desired bead size, break the membrane film completely and extrude sealant into the joint. Tool immediately, within 5 minutes of application, with a spatula to spread the sealant against the back-up material and joint surfaces. Exposed surface of sealant will typically begin to skin over in about 10 minutes, and cure will continue to progress inward.

Applicable Standards

JIS A 1439 - Testing methods of Sealants for sealing and glazing in buildings.

Technical Services

For additional technical resources, please contact your local customer service center. (See Customer Service Centers section herein for contact information.) Any technical advice furnished by MPM or any representative of MPM concerning any use or application of any MPM product is believed to be reliable, but MPM makes no warranty, expressed or implied, of suitability for use in any application for which such advice is furnished.

Limitations

Customers must evaluate MPM products and make their own determination as to the fitness of use in their particular applications.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling, and Storage

Customers considering the use of this product should review the latest Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available at www.siliconeforbuilding.com or, upon request, from any MPM representative. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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