



**SS4044 Construction Sealant
Primer Product Data Sheet**

PRODUCT DESCRIPTION

SS4044 primer is a blend of organic chemicals and solvent, formulated to enhance adhesion of various GE Silicones construction sealants.

BASIC USES

SS4044 primer may be used to enhance sealant adhesion on such surfaces as concrete, limestone, various types of paints and coatings, aluminum, stainless steel, copper, galvanized metals, ceramics and wood.

LIMITATIONS

SS4044 primer is not intended to replace the surface preparation or cleaning of a substrate. SS4044 should not be applied to paints or plastics that are adversely affected by the solvents in the primer. To verify compatibility with surfaces, a trial application is recommended.

TYPICAL PRODUCT DATA

Color	Clear to Straw
Specific Gravity	0.85
Solids Content	15%
Average Dry Time*	15-60 minutes
Flash Point**	10°F

*Drying time depends on surface temperatures, air movement, humidity and film thickness.

**Flash Point by Pensky-Martin Closed Cup Method

SPECIFICATIONS

Typical product data values should not be used as specifications. Assistance and recommendations are available by contacting GE Silicones at 1-800-255-8886.

PACKAGING

SS4044 primer is available in 1 pint, 1 gallon and 5 gallon containers. Note: not all sizes are available in all states.

INSTRUCTIONS FOR USE

SS4044 primer should be applied to clean, sound, dry, frost free substrates, free of contaminants. A solvent such as isopropyl alcohol may be used to clean the substrate. Consult GE Silicones for other solvent recommendations.

Apply primer with a clean natural bristle brush or other suitable applicator, in a continuous film. The primer must fully wet the substrate before sealant application. Avoid primer contamination by water, dirt or other contaminants. SS4044 primer should only be applied to the substrates that will be sealed in one to two hours.

Use primer in small quantities by pouring primer into a small, metal or glass container. Do not pour used primer back into the original container. Keep the original container closed when not in use since moisture can cause gelling of primer.

SS4044 PRIMER ESTIMATED COVERAGE RATES

Coverage rates of SS4044 primer depend on the porosity and absorptive characteristics of the substrate. The coverage rates shown on the next page provide an estimate of the amount of primer required for both single and double faced joint surfaces.

HANDLING AND SAFETY

Material Safety Data Sheets are available upon request from GE Silicones. Similar information for solvents and other chemicals used with GE products should be obtained from your suppliers. When solvents are used, proper safety precautions must be observed.

STORAGE WARRANTY PERIOD

The warranty period of SS4044 is 12 months from date of shipment from GE Silicones if stored in the original unopened container at 80F. Containers must be kept tightly closed when not in use. A slight precipitate may form in storage. This in no way harms the product. Do not shake the container prior to use, but carefully decant the clear primer from the top of the container as needed.

FDA STATUS

SS4044 can be used in food contact applications where FDA regulations apply. Reference GE bulletin (4319) "Food Contact Applications Silicone Rubber Compounds", for specific regulations, limitations and conditions of use.

AVAILABILITY

Products may be ordered from GE Silicones, Waterford, NY 12188, or the GE Silicones' sales office nearest you or an authorized GE Silicones distributor.

GOVERNMENT REQUIREMENT

Prior to considering use of a GE Silicones product in fulfilling any government requirement, please contact the Government and Trade Compliance Office at 413-448-4624.

PRIMER COVERAGE RATES PER LINEAL FT OF SURFACE
300 SQ.FT. PER GAL. RATE

[porous brick, limestone, rough concrete]

Application width	LINEAL FT./GAL.COVERAGE		LINEAL FT./PINT COVERAGE	
	ONE FACE	TWO FACES	ONE FACE	TWO FACES
1/4 inch [3 sq.in./ft.]	17,280	8,640	2,160	1,080
1/2 inch [6 sq.in./ft.]	8,640	4,320	1,080	540
3/4 inch [9 sq.in./ft.]	5,760	2,880	720	360
1.0 inch [12 sq.in./ft.]	4,320	2,160	540	270

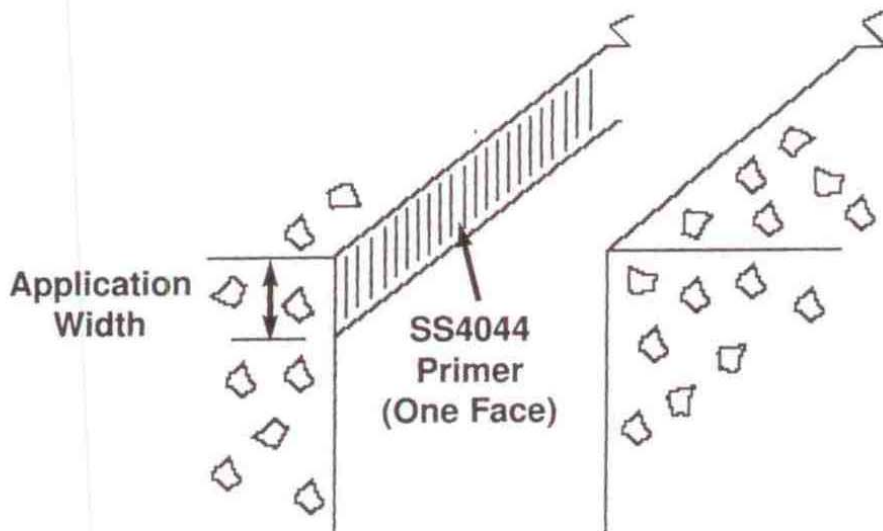
500 SQ. FT. PER GAL. RATE
[concrete, dense brick, dense stone]

Application width	LINEAL FT./GAL.COVERAGE		LINEAL FT./PINT COVERAGE	
	ONE FACE	TWO FACES	ONE FACE	TWO FACES
1/4 inch [3 sq.in./ft.]	30,000	15,000	3,750	1,875
1/2 inch [6 sq.in./ft.]	15,000	7,500	1,875	938
3/4 inch [9 sq.in./ft.]	10,000	5,000	1,250	625
1.0 inch [12 sq.in./ft.]	7,500	3,750	938	469

700 SQ.FT. PER GAL. RATE
[paints, plastics, metals]

Application width	LINEAL FT./GAL.COVERAGE		LINEAL FT./PINT COVERAGE	
	ONE FACE	TWO FACES	ONE FACE	TWO FACES
1/4 inch [3 sq.in./ft.]	37,632	18,816	4,704	2,352
1/2 inch [6 sq.in./ft.]	18,816	9,408	2,352	1,176
3/4 inch [9 sq.in./ft.]	12,544	6,272	1,568	784
1.0 inch [12 sq.in./ft.]	9,408	4,704	1,176	588

*Note: Due to surface irregularities, application techniques and other variables, coverage rates are approximate and no warranty applies to actual coverage obtained. Trial installations are recommended to obtain coverage rates under actual use conditions.



To Find Out More...

Customer Service 800-332-3390

- Order entry / status
- Pricing / availability
- Samples • MSDS

Company & Product Info

- Internet address:
www.ge.com/silicones
- LJ Fulfillment Services
518-436-1085

Customer Assistance 800-255-8886 or

GES.help@gep.ge.com

- Technical assistance / inquiries
- Application review
- Product recommendations
- Sales support

Customer Specifications 800-525-7149

- Specification inquiries
- Specification reviews

Customer Literature

- Product data sheets:
FASTFAX 800-818-7FAX
24-hour, 7-day-a-week access
Technical data sheets
- All other literature:
LJ Fulfillment Services
Phone 518-436-1085
Fax 518-436-1364
E-mail lpem@aol.com
 - stocking orders for literature
 - product line selector guides
 - industry brochures & catalogs

Americas

GE Silicones World Headquarters

GE Silicones
260 Hudson River Road
Waterford, New York 12188

Technical Assistance:

800-255-8886

Customer Service:

800-332-3390

GE Canada, Inc.
2300 Meadowdale Blvd.

Mississauga, Ontario

Canada L5N 5P9

Telephone:

800-668-4644

Customer Service:

800-332-3390

GE Silicones Latin America

Av. Prolongacion Reforma

#490 - 4 To.Piso

Col. Santa Fe

Mexico, D.F.C.P. 01207

Telephone: 525-257-6095

Fax: 525-257-6094

Europe

GE Bayer Silicones Headquarters

GE Bayer Silicones GmbH & Co KG

1 Falkenberg

D-40699 Erkrath

Germany

Telephone: 49-2104-9430

Fax: 49-2104-943111

GE Bayer Silicones GmbH & Co KG

1 Plasticslaan

P.O. Box 117

4600 AC Bergen op Zoom

The Netherlands

Telephone: 31-16429-2291

Fax: 31-16429-2708

GE Bayer Silicones GmbH & Co KG

15, Olaf Palme-Strasse

D-51368 Leverkusen

Germany

Telephone: 49-21430-31922

Fax: 49-21430-28435

Pacific

GE Silicones Hong Kong

GE Plastics

Room 1008, Tower 1

The Gateway

25 Canton Road

Tsimshatsui, Kowloon

Hong Kong

Telephone: 852-2629-0888

Fax: 852-2629-0803

Toshiba Silicone Company

Roppongi 6-2-31, Minato-Ku

Tokyo 106-8550, Japan

Telephone: 81-3-3479-3918

Fax: 81-3-3479-2944

GE Silicones Korea

c/o Dongyang Silicones Co., Ltd

GEPK Bldg. 4th Floor

231-8 Nonhyun-dong

Kangnem-Ku

Seoul, Korea 135-010

Telephone: 82-2-518-2626

Fax: 82-2-517-2646

LIMITED WARRANTY

GE Silicones warrants that its products will conform to GE Silicones' internal specifications at the time of application or use, provided that the product is stored in accordance with GE Silicones' recommendations and used or applied before the earliest of (1) any "Use Before Date" indicated on the product package, (2) one year from date of shipment by GE Silicones, or (3) expiration of such other period or recommended storage time stated in GE Silicones' product literature for such product. If notified in writing of a claim within six months of a product's use or application, GE Silicones will, at its option, replace, or refund the purchase price of, any GE Silicones product which does not satisfy the foregoing warranty.

THE FOREGOING SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN, OR FAILURE OF, ANY PRODUCT, AND THE SOLE AND EXCLUSIVE LIABILITY OF GENERAL ELECTRIC COMPANY THEREFOR. THE WARRANTY STATED ABOVE IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

LIMITATION OF LIABILITY: GE Silicones shall in no event, whether the claim is based on warranty, contract, tort, strict liability, negligence or otherwise, be liable for incidental or consequential damages, or for any other damages in excess of the amount of the purchase price.

NOTE: For many products, GE Silicones may be able to offer a more extensive, application specific warranty. For further information, contact your GE Silicones field representative.



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