



## Technical Data Sheet



### DOWSIL™ Primer-C

Solvent-based silane adhesion promoter for polyvinylidene fluoride (PVF2)- or Kynar®-based paints

#### APPLICATIONS

- Accelerated adhesion of DOWSIL™ 983 Structural Glazing Sealant, DOWSIL™ 993 Structural Glazing Sealant and DOWSIL™ 993N Structural Glazing Sealant to polyvinylidene fluoride (PVF2)- or Kynar®-based paints exclusively in curtain wall application.

#### TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications.

#### FEATURES

- Nonstaining silane primer for construction applications
- Moisture cure
- Accelerated adhesion to polyvinylidene fluoride (PVF2)- or Kynar®-based paints
- Accelerated adhesion to polyester powder paints

Test	Unit	Result
Coverage Rate, nonporous substrates	ft <sup>2</sup> /gal	800
Lineal Coverage Rate, 1/2" wide joint	ft/gal	10,000
Specific Gravity		0.90
Color		
Flash point	°C (°F)	-4 (25)
VOC Content <sup>1</sup>	g/L	855

<sup>1</sup>Based on South Coast Air Quality Management District of California. Maximum VOC is listed both inclusive and exclusive of water and exempt compounds.

#### DESCRIPTION

DOWSIL™ Primer-C is a solvent based silane adhesion promoter for exclusively use in construction curtain wall applications for improving sealant adhesion to painted surfaces.

#### BENEFITS

DOWSIL Primer-C has been shown to promote faster adhesion in low-temperature and low-humidity situations.

Other benefits can be determined in actual field installation and application tests.

#### HOW TO USE

Thoroughly clean surfaces to be primed by first brushing away any loose material and then wiping with an appropriate solvent on a coarse-free cloth. Wipe surfaces dry immediately

after cleaning. On nonporous substrates, DOWSIL Primer-C should be applied with a lint-free cloth to maximize primer coverage rate and obtain a consistent thin film thickness. While a brush may be used to apply DOWSIL Primer-C, the coverage rate will be lessened and it will be more difficult to obtain consistent film thickness.

Apply DOWSIL Primer-C before the installation of backer rod in caulk joints. Allow the primer to dry for 20 minutes at room temperature or 1 hour at 5°C (41°F) before applying and tooling the sealant. Because this primer is a moisture-cure product, additional time is required for reaction before sealant application in cold temperatures. Refer to the published sealant installation guidelines for further information.

## **HANDLING**

### **PRECAUTIONS**

DOWSIL Primer-C is extremely flammable. Use caution when handling.

### **PRODUCT SAFETY**

**INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT [WWW.CONSUMER.DOW.COM](http://WWW.CONSUMER.DOW.COM), OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.**

### **USABLE LIFE AND STORAGE**

Containers should be kept tightly sealed when not in use. When stored at or below 32°C (90°F) in the original unopened containers, DOWSIL Primer-C has a usable life of 18 months from the date of manufacture.

### **PACKAGING INFORMATION**

This product is available in various can sizes. Size availability varies by area.

## **LIMITATIONS**

Note: This primer will dissolve the expanded polystyrene (EPS) insulation board found within Exterior Insulation and Finish Systems (EIFS). Over application of this product onto EIFS substrates could diminish the integrity of the substrate and void the EIFS Manufacturer's Warranty.

Expired primer turns milky white.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### **HEALTH AND ENVIRONMENTAL INFORMATION**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, [www.consumer.dow.com](http://www.consumer.dow.com) or consult your local Dow representative.

### **LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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DOWSIL™ Primer-C

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