



## Technical Data Sheet

### DOWSIL™ Primer-C

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

#### Features & Benefits

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

| Property                              | 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                                 |                      | Clear   |
| Flash point                           | °C (°F)              | -4 (25) |
| VOC Content <sup>1</sup>              | g/L                  | 855     |

1. 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 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, [dow.com](http://dow.com) or consult your local Dow representative.

## **Disposal Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

## **Product Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

## **Customer Notice**

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

dow.com

**NOTICE:** No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



©™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow  
DOWSIL™ Primer-C

© 2017–2023 The Dow Chemical Company. All rights reserved.