



DOWSIL™ Construction Primer P

FEATURES & BENEFITS

- Promotes adhesion of silicone sealants to masonry, stone, concrete and metal surfaces
- Convenient one-part formulation
- Film-forming primer resists adhesion degradation due to water immersion
- Resin will not discolor when exposed to sunlight

COMPOSITION

- Proprietary alkoxy silane resin formulation in solvent

Adhesion promoter for use on masonry surfaces

APPLICATIONS

- DOWSIL™ Construction Primer P is suitable for use on substrates such as natural stone, masonry and glass fiber-reinforced concrete. Also suitable for metal substrates, such as Kynar® resin painted aluminum, when properly prepared.

TYPICAL PROPERTIES

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

| Test ¹ | Property | Unit | Result |
|---|--------------------------|---------|--------------|
| As Supplied | | | |
| | Color | | Clear liquid |
| ASTM D 1298 | Specific Gravity | | 0.95 |
| | Flash Point, Closed Cup | °C (°F) | 8 (46) |
| Sealant Application Time at 25°C (77°F) | | | |
| | Minimum ² | hours | 0.5 |
| | Maximum | hours | 8 |
| | VOC Content ³ | g/L | 748 |

¹ASTM: American Society for Testing and Materials.

²See "Limitations."

³Based on South Coast Air Quality Management District of California. Maximum VOC is listed both inclusive and exclusive of water and exempt compounds.

DESCRIPTION

DOWSIL Construction Primer P is a one-component proprietary resin system designed to promote adhesion of silicone sealants to masonry surfaces. It imparts maximum water resistance to the bond in areas where residual water may be present, such as horizontal applications.

HOW TO USE

Preparation Work

Porous surfaces to be primed should be clean, dry and free from contaminants. Use an abrasive cleaning method and then blow with compressed air to remove dust. (Air compressors used for this purpose must be equipped with

traps capable of providing moisture- and oil-free air.)

Nonporous surfaces should be solvent cleaned with a two-rag wipe as described in the current Americas Technical Manual.

Application

Apply a thin, uniform layer by brush to the surfaces to be primed, avoiding contact with areas that will not be sealed. Allow the primer to air dry for a minimum of 30 minutes before installation of backer rod and sealant application (primer should be dry to the touch). Sealant should be applied within 8 hours of primer application.

HOW TO USE (Cont.)

Equipment Cleanup

Brushes should be soaked in DOWSIL™ OS-2 Silicone Cleaner and Solvent or another suitable solvent immediately after use.¹

HANDLING

PRECAUTIONS

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, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

When stored in original, unopened containers, DOWSIL Construction Primer P has a shelf life of 12 months from date of manufacture. Refer to product packaging for "Use By" date.

DOWSIL Construction Primer P should be stored between 5 and 25°C (41 and 77°F) in a well-ventilated area out of direct sunlight. Containers should be kept tightly sealed when not in use.

PACKAGING INFORMATION

DOWSIL Construction Primer P is supplied in cans, ready to use.

LIMITATIONS

DOWSIL Construction Primer P will inhibit the cure of the following DOWSIL construction sealants due to the presence of alcohol in the primer. Do not use DOWSIL Construction Primer P with the sealants noted below unless the application procedure and dry time demonstrate a fully curable sealant/ primer combination.

- DOWSIL™ 790 Silicone Building Sealant
- DOWSIL™ 888 Silicone Joint Sealant
- DOWSIL™ 890-SL Silicone Joint Sealant
- DOWSIL™ NS Parking Structure Sealant
- DOWSIL™ SL Parking Structure Sealant
- DOWSIL™ Contractors Concrete Sealant

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 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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¹Follow solvent manufacturer's recommended safe handling procedures and applicable federal, state and local regulations.



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