

Product Information

High Performance Building

DOW CORNING

Dow Corning® 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

- *Dow Corning*® 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. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	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 ¹	hours	0.5
	maximum	hours	8
	VOC Content ²	g/L	748

*ASTM: American Society for Testing and Materials.

¹See "Limitations."

²Based on South Coast Air Quality Management District of California. Maximum VOC is listed both inclusive and exclusive of water and exempt compounds. For a VOC data sheet for a specific sealant color, please send your request to product.inquiry@dowcorning.com.

DESCRIPTION

Dow Corning 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 *Dow Corning Americas Technical Manual* that can be downloaded at dowcorning.com.

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.

Equipment Cleanup

Brushes should be soaked in *Dow Corning*[®] OS-2 Silicone Cleaner and Solvent or another suitable solvent immediately after use.*

HANDLING

PRECAUTIONS

PRODUCT SAFETY

INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE

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

Dow Corning 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

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

LIMITATIONS

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

- *Dow Corning*[®] 790 Silicone Building Sealant
- *Dow Corning*[®] 888 Silicone Joint Sealant
- *Dow Corning*[®] 890-SL Silicone Joint Sealant
- *Dow Corning*[®] NS Parking Structure Sealant
- *Dow Corning*[®] SL Parking Structure Sealant
- *Dow Corning*[®] 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 Corning* has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local *Dow Corning* 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.

Dow Corning's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

We help you invent the future.[™]

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