



DOWSILTM 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

 DOWSILTM 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.

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 moistureand oil-free air.)

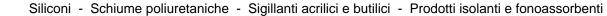
Nonporous surfaces should be solvent cleaned with a two-rag wipe as described in the current Americas Technical Manual.

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.

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.





HOW TO USE (Cont.)

Equipment Cleanup

Brushes should be soaked in DOWSILTM 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

DOW CUSTOMER SERVICE.

APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING

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
- DOWSILTM 888 Silicone Joint Sealant
- DOWSILTM 890-SL Silicone Joint Sealant
- DOWSILTM NS Parking Structure Sealant
- DOWSILTM SL Parking Structure Sealant
- DOWSILTM 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.

Dow'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 SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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