



Technical Data Sheet

DOWSIL™ ALLGUARD Primer

FEATURES

- Water-based
- Improves adhesion of DOWSIL ALLGUARD Silicone Elastomeric Coating to properly prepared substrates

COMPOSITION

- Water-based silicone emulsion

Water-based silicone adhesion promoter for use with DOWSIL™ ALLGUARD Silicone Elastomeric Coating

TYPICAL PROPERTIES

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

Property	Unit	Result
Solids by Weight	percent	20
Specific Gravity		1.0
Volatile Organic Compound Content (VOC) ¹	g/L	30
Liquid Appearance		Milky white
Cured Appearance ²		Transparent; darkens substrate

¹Including H₂O and exempt compounds.

²If not coated with DOWSIL ALLGUARD Waterproof Silicone Coating, the primer may develop a yellow tint and haze.

DESCRIPTION

DOWSIL ALLGUARD Primer is a water-based silicone adhesion promoter developed to improve the adhesion of DOWSIL ALLGUARD Silicone Elastomeric Coating to properly prepared substrates.

HOW TO USE

To develop the best adhesion of this primer to the substrate, follow these guidelines:

Substrate Preparation

1. Ensure that all surfaces are clean and free of dirt, dust, oil, grease, mildew, fungus, frost, efflorescence, laitance, peeling, coating, blisters, chalking coating and any other foreign material.
2. Prepare surfaces using pressure cleaning, wire brushing or grinding to remove the materials listed above. If aesthetics may be changed due to cleaning methods, pretest and review the results with building representatives.
3. Repair all damaged or delaminated concrete, stucco, block or brick with a material compatible with the wall surface.

4. Repair all cracks larger than 2 mm (1/16 inch) with DOWSIL™ 790 or DOWSIL™ 795 Silicone Building Sealant. Mound the sealant over the crack and beyond its edges. Use a brush to feather the edges of the patch.
5. To facilitate cleanup and minimize problems with spills and overspray, consider covering surrounding areas with plastic sheeting during the application process.

Application

1. This product is a one-coat method and can be applied with a 13 to 19-mm (½ to ¾-inch) nap roller, nylon bristle brush or airless sprayer such as a garden sprayer.
2. Apply to the prepared wall surface at a rate of approximately 7.4 square meters per liter (300 square feet per gallon).
3. Allow the primer to dry to the touch (30 minutes to 2 hours) before applying DOWSIL ALLGUARD Silicone Elastomeric Coating.
4. Apply only when temperatures are above 4°C (40°F) and there is no chance of rain within 12 hours.

Spills and Cleanup

Spills or overspray can leave a slick film on floors and other surfaces, creating a potentially dangerous situation for applicators and tenants. Clean slippery areas immediately. Before the primer dries, spills can be cleaned with soap and water.

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 at or below 32°C (90°F), DOWSIL ALLGUARD Primer has a shelf life of 18 months from date of manufacture. Refer to product packaging for “Use By” date.

Avoid freezing.

PACKAGING INFORMATION

DOWSIL ALLGUARD Primer is supplied in 19.1-kg (42-lb) pails.

LIMITATIONS

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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DOWSIL™ ALLGUARD Primer

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