



Technical Data Sheet

DOWSIL™ DEFENDAIR 200 Primer

Silicone adhesion promoter for use with DEFENDAIR™ 200C Air and Weather Barrier Coating

Features & Benefits

- Water-based
- Improves adhesion of DEFENDAIR™ 200C Air and Weather Barrier Coating silicone liquid applied air and weather barrier to properly prepared substrates

Composition

- Water-based silicone emulsion

Typical Properties

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

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

1. Including H₂O and exempt compounds.

Description

DOWSIL™ DEFENDAIR 200 Primer is a water-based silicone adhesion promoter developed to improve the adhesion of DEFENDAIR™ 200C Air and Weather Barrier Coating to properly prepared substrates.

How to Use

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

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™ DEFENDAIR 200 Primer
4. Apply only when temperatures are above 4°C (40°F) and there is no chance of rain within 12 hours.

How to Use (Cont.)	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 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™ DEFENDAIR 200 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™ DefendAir 200 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, 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.

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