



DOWSIL™ 1203 3in1 Primer

Features & Benefits

- Improves adhesion of silicone sealants to many substrates
- Provides more uniform and stronger bonds
- Primer is suitable for weathersealing and structural glazing applications
- Cleaning and priming with only one material
- Traceability through UV lamp
- Optimizes adhesion of sealant to surface
- More rapid development of adhesion to surface

Applications

- UV-traceable cleaner and primer for silicone adhesives and sealants

Typical Properties

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

Property	Unit	Result
Color		Colorless
Viscosity at 23°C	mPa.s	1
Flash point - closed cup	°C	12
Specific gravity at 23°C		0.80

Description

DOWSIL™ 1203 3in1 Primer is used to improve adhesion and accelerate adhesion build-up of silicone sealants to various substrates. Additionally it cleans substrate surfaces, so that no other cleaning is needed. In case of very dirty surfaces additional cleaning with a cleaning solvent is necessary.

DOWSIL™ 1203 3in1 Primer contains a small amount of UV tracer. This allows tracing correct primer application by using a UV lamp. Please contact your representative to learn more about appropriate UV lamp features.

This product is recommended for professional users only. Dow must approve all substrates and materials which are in contact with Dow silicone sealants. Recommendations for primer usage will be made by Dow based on test results.

How to Use

For obtaining best results, the following steps should be followed on all surfaces except silicone rubber.

1. Thoroughly clean the surface by brushing away any loose material.¹ Joint surfaces must be dry and dust-free.
2. Pour a small amount of DOWSIL™ 1203 3in1 Primer from the buffer container onto a clean, dry, lintfree cloth and wipe with sufficient force all joint surfaces.
3. Immediately wipe dry with a separate clean, dry cloth.
4. Pour a small amount of DOWSIL™ 1203 3in1 Primer onto a clean, dry, lint-free cloth and gently wipe a thin film on all joint surfaces.
5. Allow the primer to dry until all of the solvent evaporates. This typically takes 5 to 30 minutes depending on temperature and humidity. The optimal drying time for a specific area should be determined prior to use. As a general rule, drying times of more than 4 hours at normal temperatures and humidity should be avoided.
6. For quality assurance, it is possible to use a UV lamp to trace the correct application of the primer. The UV-tracer will be visible for some days and will automatically disappear with time.
7. Apply silicone sealant from Dow.

To avoid contamination and product deactivation, do not mix used materials into fresh or unused primer can.

¹In case of very dirty surfaces additional cleaning with a cleaning solvent is necessary.

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 25°C in the original unopened containers, this product has a usable life of 18 months from the date of production.

This material must be stored in a warehouse suitable for flammable materials.

Containers should be kept tightly sealed when not in use.

Packaging Information

DOWSIL™ 1203 3in1 Primer is available in standard industrial container sizes.

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.

dow.com

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