August 5, 2026

Attention: Dow Silicones Corporation Customer

RE: **Cold Weather Application of Dow Silicone Sealants**

The purpose of this letter is to address the cold weather installation of DOWSIL™ silicone building sealants.

Substrate Preparation

When caulking at temperatures below the dew and frost point, 40°F / 4°C and lower, the surfaces must be clean, dry and frost-free. No sealant should be installed immediately following or in anticipation of rain or snowfall. If unexpected snow or rain occurs, note it in the project log so field testing can be done on the potentially affected areas approximately two weeks later.

An open flame is not recommended to dry the joints. This may leave hydrocarbon deposits and excess moisture on the surface that can impede adhesion. Do not dry the joints with a heater or blow dryer. Heating can cause moisture condensation to occur on metal once it cools. A moisture meter should be used to ensure the substrates are dry before caulking; a control sample can be kept in the job office for reference if there are any questions.

Isopropanol alcohol (IPA) and methylethylketone (MEK) are water soluble and may be more appropriate for winter cleaning, as they help in removing condensation and frost.

DOWSIL™ Silicone Building Sealants are not water based, so freezing temperatures above the limits given in the chart below will not cause the sealants to thicken excessively. This characteristic allows the sealants to be applied in cold weather.

In cold temperatures the cure rate may be slower because colder temperatures generally have lower humidity levels. DOWSIL™ one-part sealants require moisture in the atmosphere to cure. The sealants will ultimately cure to the same physical properties as they do when applied in warmer temperatures.

Cold Weather Application – Low Temperature Application Limit

DOWSIL™ 790 Silicone Building Sealant -20° F (-29° C)
DOWSIL™ 791 Silicone Weatherproofing Sealant -20° F (-29° C)
DOWSIL™ 795 Silicone Building Sealant -20° F (-29° C)
DOWSIL™ 995 Silicone Structural Sealant -20° F (-29° C)
DOWSIL™ 756 SMS Building Sealant -20° F (-29° C)
DOWSIL™ 758 Silicone Weather Barrier Sealant -20° F (-29° C)

On behalf of Dow, we appreciate your business and your commitment to silicone technology. If you have any further questions, please feel free to contact us.

Sincerely,

Dow Silicones Corporation
Technical Customer Service, Building & Infrastructure
dow.com/contactus

DOW BUILDING SCIENCE
Inspire the futurescape
dow.com/buildingscience

DOWSIL™
technologies by DOW

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

© 2026 The Dow Chemical Company. All rights reserved

2000024823-1404502

Form No 63-6171 -01-0826 S2D