



April 1, 2024

Attention: Dow Silicones Corporation Customer

RE: **Cold Weather Application of DEFENDAIR™ 200C Air and Weather Barrier Coating**

The purpose of this letter is to address the cold weather installation of DEFENDAIR™ 200C Air and Weather Barrier Coating.

Substrate Preparation

When applying primer or coating at temperatures below the dew and frost point, 40°F / 4°C and lower, the surfaces must be clean, dry and frost-free.

Coating should not 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 3 to 7 days later. Please refer to the application guide for additional instructions.

An open flame is not recommended to dry the substrate. This may leave hydrocarbon deposits and excess moisture on the surface that can impede adhesion. Also do not dry the joints or substrate surfaces with a heater or blow dryer. Heating can cause moisture condensation to occur on the substrate once it cools. A moisture meter should be used to assure the substrates are dry before coating with DEFENDAIR™ 200C Air and Weather Barrier Coating; a control sample can be kept in the job office for reference if there are any questions.

DEFENDAIR™ 200C Air and Weather Barrier Coating is a water-based coating containing an additive that allows the coating, as well as the primer (where needed), to be applied in cold weather temperatures as low as 20°F (6°C). In cold temperatures the observed drying rate may be slower.

Cold Weather Application – Low Temperature Application Limit

DOWSIL™ DEFENDAIR 200 Primer	20° F (-6° C)
DEFENDAIR™ 200C Air and Weather Barrier Coating	20° F (-6° 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/contact

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