

Tech Hotline

No. 1114-BSc

Sto Gold Coat® and Sto EmeraldCoat®: Cold Weather Insurance

Sto Gold Coat and Sto EmeraldCoat have built-in cold weather protection that enables them to be applied, even as temperatures fall below freezing after application.

Should temperatures fall to as low as 25°F (-3.8°C) after application, the materials will remain unharmed provided certain conditions exist:

- Substrate and ambient temperatures are 32°F (0.0°C) or above at the time of application
- Substrate surfaces are dry and remain dry
- Materials are installed at the recommended wet film thickness of 8-10 (5-7 DFT)
- Materials are installed over standard substrates - glass mat gypsum sheathing, plywood and OSB sheathing, or CMU
- Materials are installed with StoGuard® Fabric (and StoGuard® RediCorners™) for joint and rough opening treatments
- Materials are protected from rain or precipitation for at least 24 hours and relative humidity (RH) remains at or below 50%

While this built-in feature of the products affords additional protection when temperatures fall towards or slightly below freezing, final water and air barrier properties, and film toughness, will depend on temperatures eventually rising above freezing.

For added insurance during cold weather keep materials warm, install materials over substrates that have been heated by the sun, and keep a close eye on weather forecasts to avoid exposures below 25°F after application, or premature exposure to rain, or other precipitation, or abrasion.