



## Temperature Guide For ZRC, Galvilite and ZRC-221 Galvanizing Compounds

Apply ZRC, Galvilite and ZRC-221 at temperatures between 45°F (7.2°C) and 100°F (37.7°C).

Application of ZRC, Galvilite and ZRC-221 in temperatures below 45°F (7.2°C) is not specifically a problem. These ZRC products are solvent-based coatings which contain no water, so they will not freeze. Cold temperatures will increase the viscosity of these products which, in turn, may make them difficult to apply. The real difficulty involved in applying these coatings in the cold occurs in the increased drying time involved. This is of primary importance if a second coat of ZRC products, or a topcoat, is intended.

When applying ZRC products in temperatures below 45°F (7.2°C), you must monitor both the surface temperature of the metal and the dew point. The surface temperature must be at least 5°F (3°C) greater than the dew point for proper application, otherwise you may have condensation on the surface, resulting in possible adhesive failure.

Even where daytime temperatures are above 45°F (7.2°C), we specifically discourage application of ZRC where temperatures dip below freezing at night. ZRC products may dry to the touch, but not fully cure under such conditions. In addition, if ZRC products get wet before the full cure, the film may be damaged, leaving it unable to withstand any stress and rendering it, ultimately, ineffective.

\* \* \* \* **IMPORTANT** \* \* \* \*

**UNDER NO CIRCUMSTANCES ARE ZRC PRODUCTS TO BE APPLIED TO WET OR DAMP SURFACES; POOR ADHESION AND ULTIMATE COATING FAILURE MAY RESULT.**

Do not apply ZRC, Galvilite or ZRC-221 when Relative Humidity is greater than 85%.

Temperatures:	Treatment:
Between 45 and 100°F (7.2°C – 37.7°C)	Apply as directed on can
Below 45°F (7.2°C)	Monitor the dew point and keep metal at least 5°F (3°C) warmer throughout application process

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Please call our toll-free number 1-800-831-3275 to place an order or speak with a technical representative

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