

## Guide to Using ZRC In Cold Temperatures

When applying ZRC Cold Galvanizing Compound with temperatures below 45 degrees F, you must monitor both the surface temperature of the metal and the dew point. The surface temperature must be at least 5 degrees greater than the dew point for proper application, otherwise you may have condensation on the surface.

**IMPORTANT:** UNDER NO CIRCUMSTANCES IS ZRC TO BE APPLIED TO WET OR DAMP SURFACES; POOR ADHESION AND ULTIMATE COATING FAILURE WILL RESULT.

The actual application of ZRC in temperatures below 45 degrees F is not specifically a problem. ZRC is a solvent-based coating which contains no water, so it will not freeze. Cold temperatures merely increase the viscosity of ZRC somewhat which in turn makes it a little difficult to apply. The real difficulty involved in applying ZRC in the cold occurs in the increased drying time involved. This is of primary importance if a second coat of ZRC or a topcoat is intended.

Even where daytime temperatures are above 45 degrees F, we specifically discourage application of ZRC where temperatures dip below freezing at night. ZRC will dry but not fully cure under such conditions. If ZRC gets wet before the full cure, the film would be damaged leaving it unable to withstand any stress and ultimately ineffective.