



# Leading Edge

Protecting Your Business for a More Sustainable Future



**Baby, it's cold outside!**

## Winter-Proof Your Applications Storage, Application and Support

### Why do coatings fail more often in cold weather?

Winter coating failures usually aren't "mysteries" they happen when **material temps, surface temps, and moisture control** fall outside the product window. Cold product thickens, cure slows, and condensation / dew point issues can cause **adhesion loss, pinholes, and holidays**. The fix is **planning**.



### Winter problems that cause recoating:

- **Product too cold:** poor wetting, low film build, holidays/pinholes
- **Substrate too cold:** slow/incomplete cure, weak adhesion
- **Condensation/dew point:** flash rust, underfilm corrosion, delamination
- **Freeze-thaw storage damage:** separated or ruined chemistry

### How do you prevent freeze damage with heated storage?

- Store coatings/epoxies/composites in a **temperature-controlled** area (not cold trucks or unheated containers).
  - Make sure your supplier has a **climate controlled warehouse**.
  - Keep the coating in your **warm truck or hotel room** on the road.
- **Warm materials** before mixing and application to stay in the recommended range.
- Avoid subjecting your coatings to **freeze-thaw cycles**.

### How can you reduce failures with cold-weather application systems?

- **Pre-heating solutions** (warming cabinets/blankets, controlled mix areas).
- **Enclosures/Tenting** + heat to stabilize ambient conditions.
- **Dew point monitoring** and **surface prep adjustments** to stop "invisible moisture" issues.

Winter work can still move forward with the right setup!

### Did you Know??

**USI keeps all of our coatings in a temperature controlled warehouse?**

If you need **PRODUCT TODAY**

Email or call us: [Office@usigroups.com](mailto:Office@usigroups.com) - (248) 735 - 7000

### DATES TO REMEMBER

**JANUARY 13**  
Chicagoland AMPP CRCVC  
Day

**JANUARY 14**  
Indiana Corrosion Society  
Meeting

**JANUARY 20**  
#USI TECH TALK  
Gridguard HD Plus

**JANUARY 21**  
Great Lakes AMPP Meeting

**FEBRUARY 24-26**  
2026 Underground  
Corrosion Short Course Fort  
Wayne

**MARCH 12-13**  
OGA Technical Seminar

**MARCH 15-19**  
National AMPP  
Annual Conference +  
Expo

**MARCH 24-25**  
KGA Annual Expo

**HOTSHOT & SAME DAY**  
Local Deliveries available for orders  
placed by 2 pm. EASTERN TIME

**JANUARY 2026 | WWW.USIGROUPS.COM**

### Grid Guard HD Plus



Mark your  
calendar for  
**January 20<sup>th</sup>**  
11:45 PM to  
learn more!

- Offers **greater impact protection** during backfill
- Offers additional protection after burial; **fabric acts as slip sheet** around the pipe, **minimizing soil stress** on tapes and coatings
- Doesn't interfere with **cathodic protection**
- **Lightweight** and **flexible**
- **Field-Proven Performance** – Independently tested for high impact strength (141.7 in-lbs per ASTM G14).

### Denso Protal 7125



- Cold temperature application down to **-4°F** (-20°C)
- Will not freeze when applied to substrates below **32°F (0°C)**
- Fast cure, fast initial set

### Viscowrap Series



#### Features:

- Can be applied to **cold** surfaces.
- **Easy to apply**, no mixing or messy clean-up.
- Keep it **warm** in your truck until you are ready to use.
- Use **denatured alcohol** to remove condensation.

### JOIN OUR NEXT #TECHTALK

January 20, 2026  
11:45am-12:00pm



**GRID-GUARD HD PLUS**  
**ROCKSHIELD**



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