



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 - (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

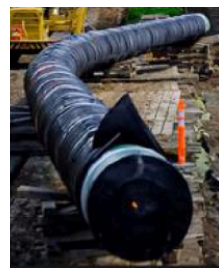
MARCH 15-19
National AMPP
Annual Conference + Expo

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 20th
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**



Unconventional Solutions, Inc.
Repair - Protect - Upgrade

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