



# Leading Edge

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## 8 Common Industrial Coating Mistakes to Avoid: Boost Your Project's Success!

Understanding these critical missteps is essential for anyone involved in industrial projects. In this article, we've compiled a list of the 8 most common industrial coating mistakes to avoid. By recognizing these challenges and implementing the right strategies, you can enhance the durability and appearance of your coatings, ultimately ensuring your project's success. Whether you're a seasoned professional or new to the field, these insights will guide you toward efficient and effective coating practices that stand the test of time.



1. **Surface preparation** is crucial for successful industrial coating projects, as it ensures proper adhesion of coatings and prevents premature wear and degradation 60% or more of all failures are due to improper surface preparation.
2. The **choice of the right coating material** is crucial for the success of an industrial coating project, but the overwhelming array of options can be overwhelming. Seek out experts like KTA, USI or Sidock to help determine the right coatings for your project.
3. **Environmental conditions** like temperature, humidity, and exposure to elements significantly influence the performance and longevity of industrial coating applications.
4. The **application process** of industrial coating projects can be prone to potential pitfalls, including applying coatings too thickly or too thinly along with improper mixing.
5. **Curing and drying times** are crucial in the coating process, as each material has unique requirements for optimal adhesion and durability understanding touch dry, hard dry and full cure for immersion service is important.
6. **Manufacturer guidelines** are crucial for proper coating material application and performance, but ignoring them can lead to issues like poor adhesion, inadequate protection, and premature failure. Always read the manufacturer technical data sheet.
7. **Regular maintenance** crucial for maintaining the integrity and appearance of industrial coatings, as they can degrade over time due to environmental exposure, chemical interactions, or physical wear, make sure you have regular maintenance schedule in place.
8. **Professional consultation** is crucial for successful industrial coating projects, as experts provide valuable knowledge and experience to navigate the complexities of coating applications. **This is why so many happy customers prefer to call Unconventional Solutions for our expert advice.**



### DATES TO REMEMBER

**May 15**  
**SEMPPEs Bakers of Milford**  
(Milford, MI)

**June 6** — USI Customer  
**Appreciation Golf Outing - Ohio**  
(Miamisburg, OH)

**June 13** — USI Customer  
**Appreciation Golf Outing - Michigan**  
(Milford, MI)

**July 25**  
**SEMPPEs Golf Outing at Mystic Creek at Camp Dearborn** (Milford MI)



### Resimac Resichem 576 Quartz Screed: Superior Epoxy Mortar for Durable Surface Repairs

Resimac Resichem 576 Quartz Screed stands out as a high-strength, solvent-free epoxy repair mortar, expertly crafted to

transform uneven concrete surfaces. This high build trowel screed, based on epoxy resin, is specially designed to be applied with a wet film thickness of 10-30mm (3/8"-1-1/4"). Upon curing, Resimac 576 effectively smooths out imperfections, ensuring a more even and resilient surface.



### SAND FILTER REPAIR SOLUTION

### Resimac 201 Ceramic Repair Paste: Solution for Erosion and Corrosion Repair

Resimac 201 Ceramic Repair Paste is a high-quality, two-component, solvent-free epoxy compound

enhanced with hardened ceramic fillers. It's expertly designed to repair and fill surface erosion and corrosion on metallic surfaces, providing excellent abrasion and wear resistance.

### Resimac 202: Advanced Ceramic Repair Fluid for Erosion and Corrosion Resistance

Resimac 202 Ceramic Repair Fluid is a high-performance, solvent-free epoxy fluid, specifically formulated with hardened ceramic fillers. It is designed to provide exceptional erosion and corrosion resistance in heavy abrasion environments, making it ideal for extending the life and durability of metallic surfaces.

**Are you experiencing leaks in your sand filter and replacement costs are going to run into the millions of dollars?** When you consider the removal of the old sand filters, the price of new sand filters, and installation costs, a long-lasting repair is a better option.

Knowing that Unconventional Solutions are experts in composite repairs and protection systems, make sure you give us a call.



**Unconventional Solutions, Inc.**  
Repair - Protect - Upgrade

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