XO.XTREME™

SINGLE COAT APPLICATION

NANO ENGINEERED EPOXY

NANO-ADHESION™

PROPRIETARY NANO BONDING TECHNOLOGY

WHAT IS XO.XTREME?

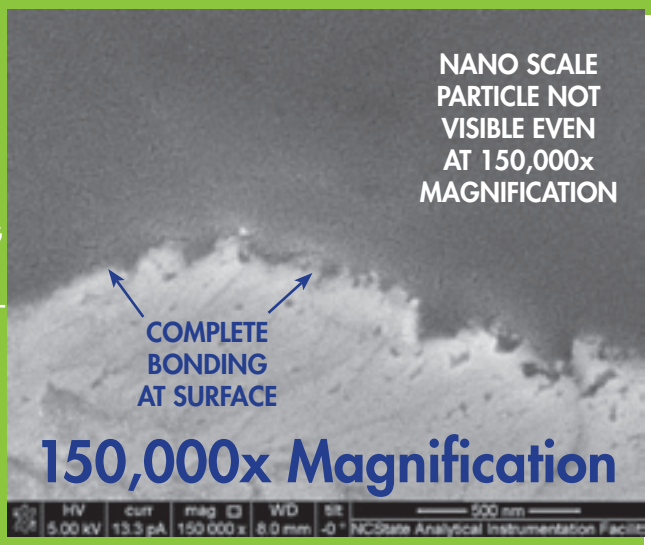
- Revolutionary single-coat nano technology cycloaliphatic amine epoxy coating
- Proprietary nano drivers fuse XO.XTREME to the substrate, providing superior bond
- Self Priming - Does not require a zinc or base primer as required by many competitive systems
- Nano-Adhesion™ technology provides extremely strong bonding properties, high durability, and superior performance

WHY USE XO.XTREME?

- **EXTREMELY SMALL PARTICLES** - true nano scale, provides superior bonding with substrate
- **EXTREMELY VERSATILE** - for above and below grade challenging atmospheric conditions and long term UV exposure
- **EXTREMELY EASY TO APPLY** - brush, roll or spray applied using standard equipment
- **EXTREME BONDING** - nano scale bonding with the substrate is more complete than other high performance coatings
- **EXTREMELY COMPLETE CURING** - non leaching after curing, faster return to service
- **EXTREME SAVINGS** - single coat cost delivers the performance of a conventional 2 to 3 coat system
- **EXTREME WARRANTY** - 2 years, double the industry standard, extended warranties

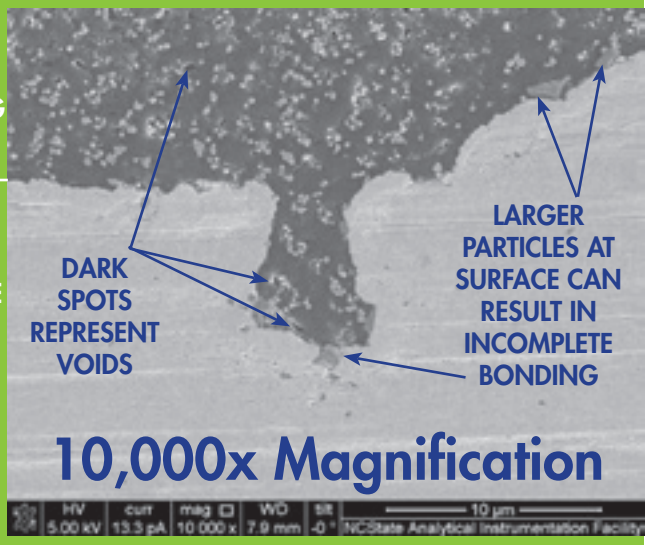
PROPRIETARY NANO BONDING TECHNOLOGY

Microscopic Evaluation and analysis performed May 9, 2014 by the Analytical Instrumentation Facility at NC State University



XO.XTREME

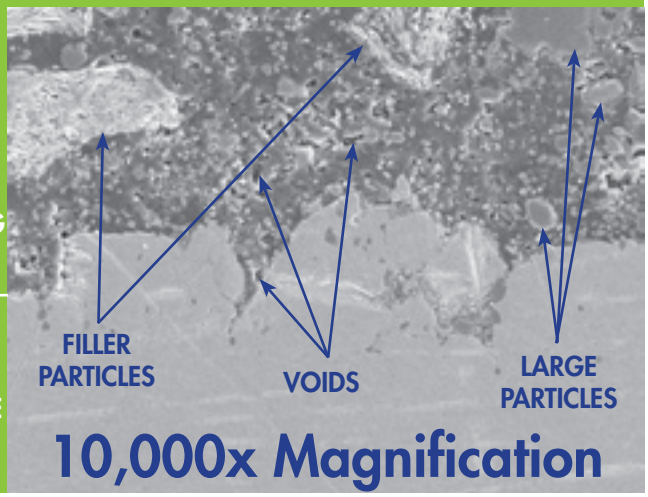
- Particle sizes effectively invisible even at 15x greater magnification than competitors
- No visible voids present and clear evidence of nano particle size
- Complete bonding of XO.XTREME to the steel substrate with no voids



COMPETITOR A

LEADING POLYSILOXANE

- Voids and much larger particle sizes as compared to XO.XTREME
- Larger gradation of particles
- Larger particles at surface results in incomplete bonding



COMPETITOR B

LEADING HIGH SOLIDS EPOXY

- Numerous voids and a higher density of large particle sizes are present as compared to XO.XTREME
- Large quantity of filler material present
- Voids and larger particle sizes at surface

NANO TECHNOLOGY BENEFITS:

- Higher particle density provides superior bonding and durability
- Cures more completely than other epoxies, allowing faster return to service
- Superior chemical and UV resistance
- Nano scale particles improve surface wetting

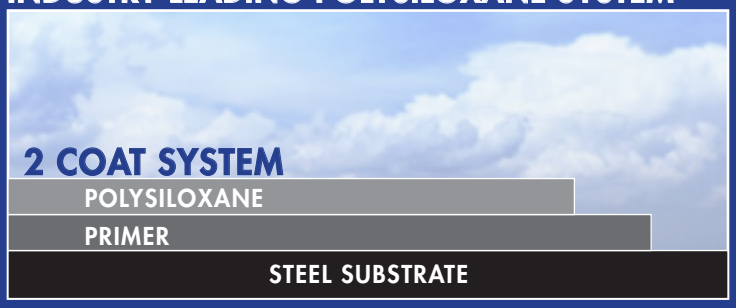
ADVANCED RESEARCH & TESTING:

- Member of the NSF University Cooperative Reseach Center
- Advanced testing performed in addition to industry standard ASTM tests

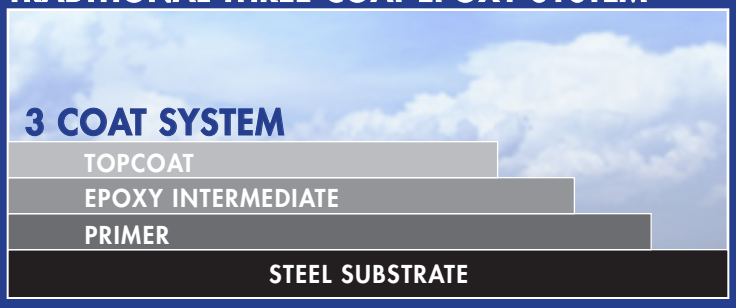
Constructed Facilities Laboratory
NC STATE UNIVERSITY

XO.XTREME SINGLE COAT SYSTEM

INDUSTRY-LEADING POLYSILOXANE SYSTEM



TRADITIONAL THREE-COAT EPOXY SYSTEM



Argonne NATIONAL LABORATORY

SSPC The Society For Protective Coatings

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