



ZERUST
INTEGRITY SOLUTIONS®

ZERUST® Zerios® WES

Technical Data Sheet

Product Description

ZERUST® Zerios® WES is a fast-drying, water-thinned alkyd coating designed for prepared metal surfaces. Its low VOC and corrosion-resistant properties make it ideal for protecting structural steel during lay-up, delayed construction, or prior to top coating. Zerios® WES may also be used as a temporary, stand-alone coating to “hold” metallic elements in most non-immersion environments, including drill platform decking, structural steel, architectural elements, idle tooling, and the exteriors of tanks and pipes.

Typical Applications

- Drill platform decking
- Structural steel components and frameworks
- Architectural metal elements
- Idle or stored tooling and equipment
- Tank and pipe exteriors
- Fabricated steel modules awaiting installation
- Skids, frames, and support structures
- Outdoor storage racks and bins
- Construction staging materials
- Metal parts and components during transport or storage

Key Advantages

- Fast-drying, water-thinned alkyd
- Low VOC and environmentally friendly
- Temporary corrosion protection
- Suitable for non-immersion use
- Easy application by spray, brush, or roller
- No removal needed before topcoating
- Ideal for lay-up and delayed construction

Application Guidelines and Removal*

Application Guidelines

Zerios® WES is best applied using airless spray equipment but may also be applied by brush, roller, or conventional spray. Thinning is not recommended; however, small amounts of water (less than 10%) may be used if necessary.

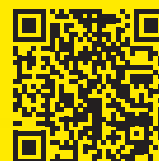
Environmental Conditions

Apply only when the substrate temperature is between 60°F and 95°F, relative humidity is below 81%, and the dew point is at least 5°F above the substrate temperature.

Read all SDS precautions before use.

*Consult a ZERUST® representative to discuss specific needs.

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product information

Typical Properties

Properties**	Details
Appearance	Clear base
Substrate	Ferrous
pH	pH (concentrated solution): 8.4
Volume Solids	53%. Provides coverage of approximately 550 ft ² per gallon at 1.0 mil dry film thickness (DFT)
Dry Time	Touch - 30 min, Recoat - 2 hrs, Hard - 24 hrs
Wt./gal.	10.9 lbs
VOC	VOC Content (excluding water): < 280 g/L
Flash Point	140-145°F (60-62.8°C)
Suggested DFT	1-3 mils (WFT: 2-6 mils)

**Typical values are not meant to be a specification.

Availability

Contact a ZERUST® representative for ordering information.

Product Number	Unit of Measure***
350-X-00023	5 Gal (19 L) Pail

***Product sold in US customary units. Metric units approximate.

Storage

Keep tightly sealed in original container away from heat, sparks, and oxidizers; use protective gear, avoid mist, no smoking; suspected carcinogen. Read all SDS precautions before use.

† DECLARATION

Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental/ storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's/user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations.

LIMITED WARRANTY/DISCLAIMER Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

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With over 50 years of experience, ZERUST Integrity Solutions®, a division of Northern Technologies International Corporation (NTIC), creates unique inhibitor-based corrosion prevention solutions to serve terminals, pipelines, exploration and production, equipment suppliers, transportation sectors, and more.

ZERUST Integrity Solutions®, ZERUST®/EXCOR®, and Natur-Tec® are sister companies under NTIC.

