

## ZERUST® AxxaCoat™ 90

### Technical Data Sheet

## Product Description

ZERUST® AxxaCoat™ 90 is a high-performance corrosion preventative coating designed for metal parts and assemblies requiring long-term protection. Ideal for harsh outdoor environments and demanding overseas shipping, ZERUST® AxxaCoat™ 90 forms a durable, removable film that resists minor nicks and abrasions. It offers limited self-healing properties at temperatures above 38°C (100°F) and features a visible color to easily identify coated areas.

This versatile coating is excellent for safeguarding machinery, spare parts, and other metal assets during storage, shutdowns, and transit - both indoors and outdoors. Whether protecting items in unsheltered shipping conditions or preserving them over extended periods, ZERUST® AxxaCoat™ 90 delivers reliable corrosion resistance you can count on.<sup>†</sup>

## Typical Applications

- Storage
- Shipping
- During Operation

## Key Advantages

- Effective corrosion protection where traditional anti-corrosion methods cannot be used
- Easy to apply, economical to use
- Suitable for new equipment, painted surfaces and to protect the reliability of existing equipment
- Limited self-healing at temperatures above 38°C (100°F)

## Operating Summary

### Application\*

- Apply via immersion, brush, or spray
- Application temperature: 16 to 32°C (60 to 90°F)
- Dry to touch time: 3 hrs at 25°C (77°F) <75% RH
- Dry time/full cure: 24 hrs

### Protection

- Indoors: Up to 4 years
- Outdoors: Up to 3 years
- Humidity ASTM D1748: Exceeds 3000 hrs
- Salt Spray Fog ASTM B117: Exceeds 3000 hrs
- UV Resistance ASTM G154-C1: Exceeds 500 hrs
- Wind-driven Rain ASTM D6904: Pass (Steel)
- Compatibility with packaging: Check before use

### Removal

- Remove with kerosene or similar petroleum solvent or hot > 39°C (120°F) alkaline cleaner.
- Prior to painting, cleaned surfaces must be wiped with solvent.

\*Consult a ZERUST® representative to discuss specific needs.

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product information

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### Typical Properties

Properties**	Details
Appearance	Dark brown or Black liquid
Substrate	Multimetal protection for ferrous, non-ferrous, and galvanized metals. Not for use on electronics.
Flash Point ASTM D93 (B):	ZERUST® AxxaCoat™ 90 & 90B: Approx. 62°C (143°F) ZERUST® AxxaCoat™ 90 HF & 90B HF: Approx. 70-77°C (158-170°F)

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

### Availability

Contact a ZERUST® representative for ordering information.

Product Name	Product Number	Unit of Measure***
ZERUST® AxxaCoat™ 90	350-M-00046PL	5 Gal (19 liters) pail
ZERUST® AxxaCoat™ 90	350-M-00046DR	55 Gal (208 liters) drum
ZERUST® AxxaCoat™ 90B (Black)	350-M-00054PL	5 Gal (19 liters) pail
ZERUST® AxxaCoat™ 90B (Black)	350-M-00054DR	55 Gal (208 liters) drum
ZERUST® AxxaCoat™ 90 HF (High Flash)	350-M-00055PL	5 Gal (19 liters) pail
ZERUST® AxxaCoat™ 90 HF (High Flash)	350-M-00055DR	55 Gal (208 liters) drum
ZERUST® AxxaCoat™ 90B HF (Black High Flash)	350-M-00056PL	5 Gal (19 liters) pail
ZERUST® AxxaCoat™ 90B HF (Black High Flash)	350-M-00056DR	55 Gal (208 liters) drum

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

### Storage

Store in a cool, dry place and away from sunlight in original packaging for up to 2 years from the date of shipment. Do not allow to freeze.

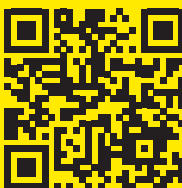
#### † DECLARATION

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](http://www.zerust.com/warranty).

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#### Contact Us



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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.

