HW Phos

HW Phos is formulated to treat ferrous substrates prior to painting application. HW Phos is designed to pre-clean and produce a paint-bonding phosphate coating on ferrous metals. This coating provides excellent paint adhesion and protects metal surfaces with its exceptional corrosion inhibiting properties. HW Phos improves the impact resistance and flexibility of applied paint films and prevents the under rusting of paints if the paint film is scored or chipped. It can be applied by brushing, rolling or spraying on metal surfaces from the bottom-up to prevent surface streaking; subsequent rinsing is not required. HW Phos is a ready-to-use liquid phosphate conversion coating for ferrous metals. It cleans, micro-etches, and deposits a corrosion-resistant phosphate layer that enhances paint adhesion and prevents under-rusting.

Benefits

- Creates a high performance phosphate coating for ferrous substrates
- Excellent paint adhesion
- Delivers exceptional corrosion resistance
- Improves paint flexibility, and impact resistance
- Prevents under rusting even when paint is chipped
- No rinsing required—reduces labor time and water use
- Brush, roll, or spray application options

Application

1. Ensure substrate is free of rust, paint, and heavy oils.
2. Apply HW Phos by brush, roll, or spray.
3. Coat from bottom up to prevent streaking.
4. Allow product to react for 1–4 minutes.
5. Do not rinse.
6. Allow surface to dry completely before painting.

Operating Conditions

Parameter	Value
Concentration:	Use as supplied (no dilution)
Temperature:	Ambient
Contact Time:	1–4 minutes
Drying Time:	Before Painting 20–60 minutes depending on humidity

Safety

Read SDS before use. Contains acids; wear proper PPE.

Disclaimer

Testing is recommended to confirm suitability for specific applications.

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