

BARILINE 728

Low VOC Phenolic Modified Alkyd Primer (2.8 lbs/gal VOC)



Description:

Bariline 728 Alkyd Primer offers excellent protection against corrosion in most light to moderate industrial and exterior environments. It is non-lifting and exhibits very good adhesion to moderately prepared ferrous metals. Bariline 728 provides performance comparable to products formulated to SSPC Paint 15 and 25. It also provides performance comparable to CISC/CPMA standards 1-73A and 2-75. It offers good exterior durability for short term shop primer use. Contains lead and chromate-free anti-corrosive pigments for excellent corrosion resistance. Bariline 728 has low VOC content. This product is specifically designed as a very good performance, production primer for Baril systems.

Advantages:

- Non-lifting
- Fast Dry and recoat
- Excellent corrosion resistance
- Weldable
- Long Working Times
- Can be used with various topcoats
- Low HAPs

Uses:

- Shop Primer
- Structural Steel
- Equipment
- Tank Exteriors
- Marine Vessels
- Vehicles

Features:

- Provides performance comparable to products formulated to SSPC Paint 15
- Provides performance comparable to products formulated to SSPC Paint 25
- Provides performance comparable to CISC/CPMA Standards 1-73A and 2-75

Material Properties

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|----------------------|---|
| Density | 12.50 lbs./gal |
| Volume Solids | 51% +/- 1 |
| Weight Solids | 68% +/- 1 |
| VOC | 2.8 lbs./gal 335 grams/ltr EPA Method 24 |
| Dry Film Thickness | 1.5 - 3.0 mils |
| Wet Film Thickness | 4.0 - 6.0 mils |
| Colors Available | Grey, White, Buff |
| Theoretical Coverage | 825 sq.ft./gal. @ 1.0 mils DFT |
| Gloss Level | Flat Finish |

Surface Preparation:

New or Unfinished Surfaces:

The surface to be coated should be free of all contamination (dust, dirt, oil, grease). The following is a guideline of substrates that Bariline 728 may be applied to, along with surface preparation.

- Ferrous Metal:** -Wash and Chemical Pretreatment
-Hand or Power Tool Cleaning: (SSPC-SP2 or SP3)
-Solvent Wipe

Galvanized: -Not Recommended

Aluminum: -Not Recommended

Mixing Instructions:

Thoroughly mix product with a mechanical mixing device. The temperature of the mixed product should be at least 45 F - 50 F during application.

Application Instructions

| Spray Method | Airless | Air Assisted Airless | Air Spray / HVLP |
|--------------------|------------------|----------------------|------------------|
| Thinner | PCBTF | PCBTF | PCBTF |
| Quantity | 0-5% | 0-5% | 0-5% |
| Nozzle or Tip Size | 0.011 to 0.013 | 0.011 to 0.013 | 1.0 to 1.5 |
| Fluid Pressure | 2000 to 3000 PSI | 1000 to 1500 PSI | 8-10 PSI |
| Air Pressure | N/A | 50 PSI | 45 PSI |
| Dry Film Thickness | 1.5-3.0 Mils | 1.5-3.0 Mils | 1.5-3.0 Mils |

Performance Characteristics

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|--|---|
| Impact (Direct) ASTM D2794-90 | >60 in lbs. |
| Gloss @ 60 ASTM D523-14 | 2 - 15 |
| Flexibility: ISO 1519 / ASTM D522 | Cylindrical Mandrel 10mm ISO 1520 Cupping 5-7 mm |
| Adhesion (Cross Hatch) ASTM D 3359: | Passes 5B on Treated Panels Bonderite 1000 |
| Salt Spray ASTM B117 | Direct to Bonderite 1000 Panels Pass 750 hrs |

Dry Times: 70°F @ 2 mils DFT

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|--------------------|--|
| To Touch: | 20 Minutes |
| To Handle: | 1-Hour |
| To Re-Coat: | 30 Minutes Min to 4Days Max |
| Force Cure: 150° F | 20 Minutes after a 10 Minute flash. |

During drying and curing the relative humidity should remain between 55-90%. Temperatures below 45°F will extend the dry times.

Health & Environmental:

In accordance with OSHA regulations on hazardous materials, harmful and irritating if in contact with skin, eyes and by inhalation. Observe safety information from MSDS sheets. Always wear proper protective suits, gloves and eye protection. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. If spraying, always wear proper NIOSH approved respirators. Fresh air fed respirators are preferred. Do not eat, drink or smoke during application. Discharge, treatment or disposal is subject to federal, state, commonwealth, provincial and local laws. Since empty containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near this container.

Cleaning Instructions:

Cleaning tools: Clean immediately after application using MEK or Lacquer Thinner.

Warranty / Disclaimer:

The technical data and other printed information furnished are true and accurate to the best of our knowledge. The products are warranted pursuant to acceptance of limited warranty. A copy of which can be obtained from Baril Coatings, which is the exclusive warranty with respect to the sale of this product. The modification of any component or uses not outlined in this bulletin nullifies the warranty unless advance written confirmation is obtained from Baril Coatings. No other warranties expressed or implied shall apply. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, shall be to supply replacement materials as set forth in the limited warranty.