



# KEM-FLASH®

*Ultra-Bond™ Primer*

## THE RIGHT BEGINNING FOR A LASTING FINISH

- ◆ Quick film build
- ◆ Excellent topcoat holdout
- ◆ Lead and chromate free

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## PERFORMANCE AND COMPLIANCE

Kem-Flash Ultra-Bond Primer lays the groundwork for a durable finish. The single-component epoxy ester offers excellent inter-coat adhesion to a wide range of topcoats, including acrylics, alkyds and polyurethanes. Its unique low-molecular weight creates a dense, uniform film that permits excellent topcoat holdout. Production line efficiency is enhanced by the primer's fast setup and quick film build with a minimum of spray passes. Complying with today's stringent air quality regulatory mandates, Kem-Flash Ultra-Bond delivers a chemical and corrosion base finish that is ideal for off-road vehicles, construction machinery and farm equipment.





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*Ultra-Bond™ Primer*



### Performance Properties

Versatile, durable and corrosion resistant, Kem-Flash Ultra-Bond Primer is a coating that is well-suited to protect metal products against the elements. The production-line primer forms a strong bond to properly prepared aluminum, steel, iron and galvanized substrates. It also offers excellent inter-coat adhesion to a wide range of topcoats, including acrylics, alkyds and polyurethanes. In performance tests, Kem-Flash Ultra-Bond demonstrated good flexibility, passing the ¼ inch mandrel bend test, and enhanced corrosion resistance, exhibiting less than 1/16" rust creep and no blisters after 500 hours salt spray using ASTM test standard B117.

### Finishing Characteristics

Kem-Flash Ultra-Bond is designed to maximize the appearance of high-gloss topcoats. Formulated from a low-molecular weight epoxy ester resin, the unique primer forms a dense, uniform film that permits excellent topcoat holdout. The end result is a finish that not only looks good, but is also better equipped to withstand long-term exposure to UV-light, moisture and chemicals—making the primer a perfect choice for off-road vehicles, construction machinery and farm equipment.

### Production Efficiency

Compatibility with numerous topcoats and greater application flexibility provide Kem-Flash Ultra-Bond Primer with the ability to satisfy aggressive production schedules. Valuable time is saved by eliminating mixing due to the epoxy primer's single component formulation. With most solvent-based topcoats, Kem-Flash Ultra-Bond has no critical recoat time and can be topcoated in as little as 15 minutes.

Its high-solids composition also permits quicker film build with a minimum of spray passes.

### Regulatory Compliance

Kem-Flash Ultra-Bond Primer removes the challenge in meeting today's stringent air quality regulatory mandates. The product is VOC compliant, with an emission level of 3.37 lb./gal., and free of lead and chromate hazards. In addition to being recommended for application by conventional, airless, air-assisted airless and electrostatic spray, the single-component primer is suitable for finishing with HVLP equipment.

### Finishing Line Formula

Sherwin-Williams is in the business of supplying much more than just advanced finishing systems. All the company's production finishes for metal, plastic and wood substrates are backed by the largest distribution network in the industry, expert technical assistance, design engineering services and color marketing consulting. These added services ensure that your finishing line runs smoothly and at peak efficiency—allowing you to finish ahead of the rest.

For more information, call 1-800-524-5979.

For more information,  
contact your Sherwin-Williams  
Chemical Coatings representative  
or call 1-800-524-5979  
to have a representative  
contact you.

**For a Better Finish. Ask Sherwin-Williams.™**

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