



TECHNICAL INFORMATION

KEM FLASH ULTRA-BOND® PRIMER E61AC713

CHEMICAL COATINGS

PRODUCT DESCRIPTION

E61AC713, Kem Flash Ultrabond® Primer is a high solids, VOC complying, single package epoxy ester primer designed for excellent performance properties. This product line can be topcoated with a wide range of topcoats, including two component polyurethanes, alkyd enamels and acrylic enamels. It is an ideal primer for the construction machinery and farm equipment.

Advantages:

1. Can be topcoated with polyurethane enamels, air dry alkyds and acrylics.
2. Low application viscosity at high volume solids.
3. Single component.
4. Increases production output. This product will reduce multiple pass operations.
5. Lead and chromate hazard free.
6. No critical recoat.
7. Excellent holdout.
8. Excellent corrosion resistance.
9. Meets EPA solvent emission regulations that require less than 3.37 lbs/gal

CHARACTERISTICS

Gloss @ 60°: 25-30 units

Weight/Lbs/Gal.: 10.6 ± 0.20

Volume Solids: 45.0 ± 2%

Weight Solids: 63.8 ± 2%

Viscosity: 16 - 25 sec.
#2 Zahn

Spreading Rate: 851 Sq.Ft/Gal.
(1 mil dry film no application loss)

Package Life: 1 Year

Air Quality Data: Volatile Organic Compounds (VOC)
Maximum 3.37 lbs/gal (404 grams/liter).
Apply without reduction. Free of lead and chromate hazards.

APPLICATION

Surface: Substrate to be coated should be free of grease, oil, dirt and any contamination, which may affect adhesion.
Consult Metal Preparation Brochure CC-T1 for details.

Steel or Iron: For best results, a surface chemical treatment such as zinc or iron phosphate is recommended.

Recommended Film Thickness:

Wet	32.5-3.0 mils
Dry	1.25-1.50 mils

Conventional Spray:

Spray at 50-60 psi atomizing pressure and 20-25 psi fluid pressure.

Airless Spray: No reduction required.

Apply at package viscosity. Use .011-.013 inch orifice and 1800-2000 psi for hot airless and 2200-2400 psi for cold airless.

Reduction: None (Ready to spray.)

Drying: air dry at 77°F (25°C), 50% RH
Tack Free 2 hours
To Recoat after 20 min.
Force Dry not recommended
Flash Point 60°F Pensky-Marten closed cup

Note: This product may be heated (maximum 120°F) to reduce viscosity and to minimize the affect of temperature variance in plants.

MSDS: If a Material Safety Data Sheet is required, contact your local Sherwin-Williams representative.

SPECIFICATIONS

Product Limitations:

1. No reduction to maintain 3.37 lbs/gal. VOC compliance. Can be reduced 3.5% by vol. With MIBK and still maintain 3.50 lbs/gal VOC.
2. Not recommended for dip application.
3. Thicker films will exceed dry time characteristics.
4. On sandblasted surfaces, apply sufficient film thickness to fully protect the blast profile. This is typically 1 mil more than the blast profile.

CAUTIONS

Contents are **FLAMMABLE. VAPORS MAY CAUSE FLASH FIRES.** Keep away from heat, sparks and open flame. During use and until all vapors are gone, keep area ventilated. Do not smoke, extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and any other sources of ignition.

DO NOT TAKE INTERNALLY

KEEP OUT OF REACH OF CHILDREN

FOR INDUSTRIAL USE ONLY

SEE MATERIAL SAFETY DATA SHEET, AIR QUALITY DATA SHEET, and ENVIRONMENTAL DATA SHEET.

Note:

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, ratings and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties or guarantees as to the end results.

Chicago-AWSTC
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