



Product Finishes

KEM AQUA® BP Siding Plus

Black M64BL0507

DESCRIPTION

Kem Aqua® BP Siding Plus is designed for OEM application to building products designed for exterior applications. Suitable for use on CPVC, wood, fiberglass, plaster, fiber cement, paper overlaid OSB, and many composites typical to building products.

Advantages:

- Good gloss retention
- Interior and exterior use
- Wide application window for wet milage.
- Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303.

*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.

CHARACTERISTICS

Gloss 60°: 11-18 on leneta card with 3 mil drawdown

Volume Solids: 33.9 ± 2%

Viscosity:

28-36 seconds #3 Signature Zahn Cup

Recommended film thickness:

Mils Wet 4.0 mils minimum

Mils Dry 1.5 mil minimum

Spreading Rate (no application loss)

545 sq ft/gal @ 1.5 mils DFT

Drying (77°F, 50% RH):

To Touch: 10-15 minutes

To Handle: 40-50 minutes

To Recoat: no critical recoat (sand between coats)

To Topcoat: as soon as able to handle

To Pack: depends on line and factory conditions

Force Dry: 3-5 minutes flash then 25-30 minutes at 140°F

Do not exceed the heat distortion temperature of the substrate. A cool down period is necessary after cure on coating line before packaging. Slip sheeting is recommended especially for fiber cement and heavy or abrasive substrates.

CHARACTERISTICS, cont.

Good air movement and humidity control are necessary for proper drying of water reducible coatings.

Flash Point: >199°F

Package Life: 12 months, unopened

Air Quality Data (Theoretical):

Non-photochemically reactive
Volatile Organic Compounds (VOC)
as packaged, maximum, less water and exempt solvents:

1.0 lb/gal, 115 g/L

VOC maximum emitted:

0.43 lb/gal, 51 g/L

VHAPS as packaged

0.00 lbs/gal solids, 0.00 g/L solids

An Environmental Data Sheet is available from your local Sherwin-Williams facility.

SPECIFICATIONS

General: Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties. Consult Metal Preparation Brochure CC-T1 for additional details.

Plastic/Composites: A solvent wipe (IPA or Acetone) is recommended. Due to the diverse nature of plastic/composite substrates, a coating or coating system must be tested for acceptable adhesion to the substrate prior to use in production. Reground and recycled plastics along with various fire retardants, flowing agents, mold release agents, and foaming/blowing agents will affect coating adhesion. A filler or primer/barrier coat may be required. Please consult your Sherwin-Williams Sales Representative for system recommendations.

Wood (interior only): Must be clean, dry, and finish sanded. Use of interior millwork primer is recommended for priming. Substrate should be free of any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be equilibrated to plant conditions to minimize warping from application and cure procedure.

SPECIFICATIONS, cont.

Wood (Exterior): Must be primed clean, dry, and finish sanded with 240-320 grit paper. Use suitable exterior quality millwork primer (E60WL0536). Due to the nature of wood and use of various primers these products should be thoroughly tested for exterior performance.

Fiber Cement: Check pH prior to application. The recommended pH range is 6-13. An additional coat of suitable primer (E60WL0536) in addition to factory applied primer is recommended followed by one or two coats of basecoat. Clears or translucent colors require two coats of Siding Plus.

Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.

APPLICATION

Typical Setups

May be applied by:

Spray and Flood Coater coating have been tested, other methods are under evaluation and include Tallman Pneumatic, Direct Roll, and Curtain coating.

Airless Spray:

Pressure 1000 – 1800 psi

Tip Dependent on line speed

Air Assisted Airless:

Air Assist Pressure 20-30 psi

Fluid Pressure 200-600 psi

Cleanup:

Clean tools/equipment immediately after use with a mixture of water and butyl cellosolve. Flush equipment with solvent to prevent rusting.

Follow manufacturer's safety recommendations when using any solvent.

(CONTINUED ON BACK)

SPECIFICATIONS

Product Limitations:

- Please consult your Sherwin-Williams Representative to discuss use for exterior applications.

CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION

Thoroughly review product label for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

Please direct any questions or comments to your local Sherwin-Williams facility.

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, rating, and opinions stated here 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 as to the end result.

Columbus Regional Lab
S. Cotsamire
9/18/14