



General Industrial Coatings

CC-A46

POLANE® SP Primer

Black	E61BH200	Catalyst.....	V66V55
Gray	E61AC133	Catalyst.....	V66VC232
White	E61WH100	Reducer.....	R6K30

DESCRIPTION

Polane® SP Primer is an epoxy-ester based two-component primer. This primer provides very good performance properties as well as good gloss holdout, allowing for wet-on-wet topcoat application with Polane SP, Polane HP, Polane HS Plus, and Polane 8910 topcoats. It provides a common catalyst with Polane 8910, Polane HP, Polane HS Plus and Polane SP urethane topcoats.

E61BH200 and E61WH100 provide wet-on-wet topcoating with Polane HP, Polane HS Plus or Polane SP topcoats.

Developed for the heavy equipment market, this primer is recommended for use on OEM agricultural & construction equipment, related attachments & accessories, trailers and other general metal applications.

Advantages:

- Fast wet-on-wet topcoat application capability
- Excellent adhesion to clean cold rolled steel
- Promotes good salt spray, humidity and chemical resistance on metal surfaces, when top coated with Polane urethane topcoats
- Well suited for use on blasted steel surfaces
- E61AC133 meets JDM11 class 3 specifications
- Common catalyst with Polane 8910, Polane HP, Polane HS Plus and Polane SP urethane topcoats
- Offers two catalyst options
- *Complies with 3.5 lbs./gal. VOC
- Formulated to be non-HAP

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

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.PaintDocs.Com.

CHARACTERISTICS

(vary by color)

60° Gloss: 15-35

Weight Per Gallon: 10.7-12.3

Volume Solids: 48.0-50.7 %

Weight Solids: 66-72 %

Viscosity (at 77° F, Zahn cup):
E61AC133 25-35 secs., #3 Zahn Cup
E61BH200 & E61WH100 22-28 secs., #3 Zahn Cup

Admixed 22-32 secs., #2 Zahn Cup

Recommended Film Thickness:
Mils Wet 2.0-3.0
Mils Dry 1.0-1.5

Spreading Rate (no application loss):
505-846 ft.²/gal. at 1.0-1.5 mils DFT

Cure:
Air Dry or 1 min. flash
Wet-on-Wet
Force Dry 15 mins. flash, 30 mins. at 160° F

Air Drying: 1.0-1.5 mils at 77° F, 50% RH
To Recoat w/ Itself 5 minutes

Mixing Ratio (by volume):

E61AC133, E61BH200 or E61WH100 with V66V55 Catalyst	
Part A	8 parts
V66V55 Catalyst	1 part
R6K30 Reducer	Up to 7% (vol.)
E61AC133 or E61WH100 with V66VC232 Catalyst	
Part A	6 parts
V66VC232 Catalyst	1 Part
R6K30 Reducer	None allowed
E61BH200 with V66VC232 Catalyst	
Part A	8 Parts
V66VC232 Catalyst	1 Part
R6K30 Reducer	None allowed

Potlife: 1 hour

Flash Point (Pensky Martens Closed Cup):
Part A 81° F
V66V55 & V66VC232 117° F

Air Quality Data:

Volatile Organic Compounds (VOC), Less Exempts
(admixed, maximum) 3.5 lb/gal, 423 g/L

Recommended Storage: Inside, sealed container, 40-120° F, no freeze hazard. Protect from moisture.

Package Life: 1 year, unopened

SPECIFICATIONS

General: All substrates should be free of mold release, oil, grease, dirt, fingerprints, drawing compounds, surface passivation treatments and any other contaminants to ensure optimum adhesion and coating performance. Consult Metal Preparation brochure CC-T1 for additional details.

Steel or Iron: Remove rust, mill scale, and oxidation products. For best results, treat the surface with a proprietary surface chemical treatment of zinc or iron phosphate to improve corrosion protection.

Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

APPLICATION

Typical Setups

Reduction: If reduction is needed to optimize application, up to 7% (vol.) of R6K30 (MAK) solvent can be added when using V66V55 catalyst while maintaining a 3.5 VOC. No reduction is allowed when using V66VC232 catalyst.

May be applied by: Conventional Spray
Electrostatic Spray
HVLP Spray

Electrostatic Spray:

Polane SP Primer can be applied via electrostatic application by altering reducer type and level.

Equipment/application guidelines are only guidelines and individual application & process parameters will dictate exact requirements.

Cleanup: Clean tools/equipment immediately after use with R6K30 (MAK) or R6K10 (MEK).

Follow manufacturer's safety recommendations when using any solvent.

ADDITIONAL INFORMATION

1. **This product must be properly catalyzed before using. DO NOT VARY CATALYST RATIO.** The catalyst ratio has been established for optimum hardness, flexibility, gloss, and chemical & solvent resistance.
2. 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.
3. On sandblasted surfaces, apply sufficient film thickness to fully protect the blast profile. This is typically 1 mil more than the blast profile.
4. Drying time is dependent on film thickness and atmospheric conditions. Heavier film thickness causes slow drying.

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CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review the product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.PaintDocs.Com.

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

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