

POLAPRIME 2™

Acrylic Primer



Performance
Coatings & Sealants
Systems

DESCRIPTION

POLAPRIME 2 is an aquaborne, single component acrylic primer that is highly effective over asphaltic and cementitious surfaces. It penetrates deeply and coalesces to promote superior adhesion of the coatings to be applied. POLAPRIME 2 is a primer/sealer that improves the cohesive strength of weak substrates to improve adhesion of coatings.

OUTSTANDING FEATURES

- ✓ Consolidates fragile surfaces for maximum adhesion
- ✓ Removes substrate air pockets to prevent bubbles and pinholes
- ✓ Has rheology adjusted for optimum coverage and penetration
- ✓ Rapid drying reduces dirt pickup and meteorological interruptions
- ✓ Gives maximum bond performance between substrate and topcoat
- ✓ Highly cost effective and performance designed
- ✓ Protects against staining from the substrate migrating to the surface coating
- ✓ Encapsulates well adhered coating remnants
- ✓ Fire retardant
- ✓ Improves adhesion of coatings to concrete, wood, asphalt, mineral composites, and synthetic or mineral insulation

APPLICATION

CAUTION! Read this entire data sheet before continuing.

Surfaces must be free of dirt, loose debris, oil, grease, or other substances that would interfere with bond. It is advisable to have the surface as dry as possible. All repairs of damage or defects must be made prior to coating.

Stir thoroughly for 3 minutes, then keep the can covered whenever possible to prevent contaminating the primer.

Apply by spray, roller, or brush. Roller and brush techniques provide best penetration and performance results. For roller application, use a medium or short nap roller. For brush application, use a nylon bristle brush. Apply POLAPRIME 2 only to cover the surface. It is not

advisable to pour POLAPRIME 2 straight onto the surface. Apply the appropriate surface coating as soon as possible after thoroughly drying to prevent contamination of the surface, ideally within 2 days. If the POLAPRIME 2 has been left exposed for more than 7 days, the surface must be cleaned thoroughly to remove all dirt and contaminants.

Application temperature must be above 45°F (air temperature) and the surface temperature must be 5° above dewpoint for thorough drying to occur. As soon as the POLAPRIME 2 is touch-dry, it may be coated immediately. Drying time is in the range of 10 to 30 minutes, depending on temperature and humidity.

SPECIFICATIONS

Viscosity (Kreb Units)	60
VOC	Zero
Solvent	Water-based
Pounds per Gallon	10.0
Coverage	200 square ft per gallon, depending upon substrate
Coverage	50 square feet per gallon
Packaging	1 gallon, 5 gallons and 55 gallons
Color	Gray
Shelf Life	12 months unopened

POLAPRIME 2™

Acrylic Primer



LIMITATIONS

Do not apply POLAPRIME 2 if the temperature is predicted to drop below 40°F within 2 hours of completion of application. Do not apply any of the POLAPRIME 2 to saturated surfaces or substrates that have ice crystals entrapped. Do not apply if rain is forecast within 4 hours of completion of application.

MAINTENANCE

If an area becomes damaged, remove loose substrate and coating and clean the damaged area. Repair the substrate and re-prime, then topcoat with a finish coating to match the surrounding area. Clean tools and equipment with water before the POLAPRIME 2 dries; after that, solvent cleaning may be necessary.

PRECAUTIONS

Avoid contact with skin and eyes. In case of contact with skin, wash with soap and water for 15 minutes. For contact with eyes, immediately flush with water for 15 minutes and get medical attention. If ingested, do NOT induce vomiting and contact a physician immediately. Avoid inhalation of fumes. If aerosol mist is inhaled, seek immediate medical attention. Wear safety goggles, rubber gloves, coveralls, and filter mask when applying this primer.

TECHNICAL DATA

Viscosity (Ku)	60	ASTM D-562
Pounds Per Gallon	10.0	ASTM D-1475
Flashpoint	Non-flammable	ASTM D-3278
Solids Content	50% B.W.; 42% B.V.	ASTM D-2369
Adhesion to Transite	750 p.s.i.	ASTM D-4541
Adhesion to Concrete	400 p.s.i.	ASTM D-4541
Drying Time (70°F, 70% R.H.)	20 minutes	ASTM D-1640
Hardness	HB	ASTM D-3363
Wet Film Thickness	8 mils	ASTM D-1212
Dry Film Thickness	3 mils	ASTM D-1005
Water Vapor Transmission	1.0 perms	ASTM D-1653

NOTICE: The information presented herein is based on tests and data that Andek Corporation believes to be reliable. It is intended for use by technically qualified personnel at their own discretion and risk. Since conditions of handling and use are beyond our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be construed as a license to operate or a recommendation to infringe any patent.

Effective Date: 02/2009

© 2009 Andek Corporation. All right reserved. ANDEK is a registered trademark

ANDEK CORPORATION · 850 Glen Ave · P.O. Box 392 · Moorestown NJ 08057-0392