

POLAPRIME 2™

PVC/Acrylic Primer

Distributed by
RDR Technologies, LLC
835 SE 30th, Suite C
Oklahoma City OK 73129
405-702-0055
rdrtechnologies.com

DESCRIPTION

POLAPRIME 2 is an aquaborne, single component PVC/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 | |
|-------------------------------|--|
| Solvent | Water-based |
| VOC | Negligible |
| Viscosity (Kreb Units) | 60 |
| Shelf Life | 1 year (unopened) from date of manufacture |
| Pounds per Gallon | 10.0 |
| Coverage | Approximately 200 square ft per gallon, depending upon substrate |
| Packaging | Available in 1 gallon and 5 gallon pails |
| Color | Gray |

POLAPRIME 2™

PVC/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

Read the container label warning and Material Safety Data Sheet (MSDS) for important health and safety information prior to the use of this product.

Keep out of reach of children and pets.

For more information, call our Technical Department.

| 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.