

PROBOND 21-MCP

Technical Data

DESCRIPTION: Probond 21-MCP Moisture Cure Aluminum primer is a single component aromatic urethane primer for use where the ultimate in corrosion, chip, and mar resistance is required. This outstanding aluminum primer combines the durability and adhesion characteristics of a moisture cured urethane with the unbeatable corrosion resistance of aluminum containing primers. This product is unique in that the preparation of metal surfaces need not be in accordance with SSPC-5 white metal or SSPC-10 near white metal specifications. If the surface has a limited degree of "flash rusting", the product will penetrate and create an inseparable bond with the metal substrate, as well as create a superb moisture block to prevent further rusting.

RECOMMENDED USES: Use where only minimal preparation techniques are allowed. Excellent for coating heavily rusted surfaces to extend the life of the substrate, as well as giving a pleasing appearance. It is also a very economical product to use as an encapsulant over substrates previously coated with lead containing paint, as well as a versatile product that can be applied during cool temperatures.

FINISH: Semi-gloss

VOLUME SOLIDS: 50%

V.O.C.: 3.87

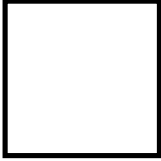
SUGGESTED THICKNESS: 2-4 dry mils

EXPECTED COVERAGE: 400-200 sq. ft. per gallon at suggested DFT

COLOR: Metallic finish--aluminum

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PROBOND 21-MCP

Application Data

SURFACE PREPARATION: The performance of this primer will be in direct proportion to the degree of surface preparation. All rust, dirt, loose paint and other contaminants should be removed.

COMPATIBILITY: Can be topcoated with acrylics, epoxies, vinyls, alkyds, polyurethanes, lacquers, catalyzed urethanes and latex. (Recommend 1600-APU for exterior service.)

TEMPERATURES: Maximum Service Temperature is 200 degrees F.
Minimum application temperature 40 degrees F.

CURE TIME: To touch: 40 minutes at 77 degrees F. and 50% R.H. To recoat: a minimum of two hours at 77 degrees F. and 50% R.H.; maximum seven days.

APPLICATION: Brush, roller or spray. Airless spray: Use of spray tips with .011 to .015 orifice is suggested.

In applications where large pieces of rust scale have been removed, two coats of primer are recommended to help re-level surface. When using this product over minimally prepared, previously coated surfaces, two coats of 21-MCP should be applied. The first coat should be reduced 10-15% to enable it to penetrate beneath and seal edges of existing coating. If spray applying first sealer coat, be sure to backroll or brush to ensure good penetration.

THINNER: P31T for spraying

CLEAN UP: P34T

RESISTANCE: Excellent abrasion, corrosion, acid, salt and chloride resistance.

TOPCOAT: This product can be topcoated with any Parker alkyd, acrylic, urethane or epoxy product to enhance required needs.

CAUTION: It is recommended that the personnel observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. Do not use in confined space or closed area without adequate ventilation. This product may be irritating to eyes and skin. Avoid contact with liquid and keep from touching tool handles and clothing. Always wash thoroughly with soap and water after use. Should accidental eye contact occur, wash thoroughly with water and consult a physician immediately. US Department of Labor approved material data sheet for this coating is available upon request.

LIMITED WARRANTY: The Manufacturer warrants this product to be free from defects in material and workmanship under normal use and service for a period of one year of the date of purchase. The Manufacturer's sole liability shall be limited to replacing this product if, within one(1) year of the date of purchase, it is shown to be defective. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND. This warranty shall not be extended, altered or varied except by a written instrument signed by the Manufacturer.