



PremiCote™ 429

WATER BASED ETCHING PRIMER

PHYSICAL DESCRIPTION

PremiCote 429 is a single component acrylic copolymer water based primer with outstanding adhesion to various types of metals and urethane and poly urea coatings. **PremiCote 429** is ideal for use as a etching primer direct to galvanized metal, aluminium or prepainted steel. **PremiCote 429** can also be used over freshly sprayed fast set polyurethane or poly urea coatings in the EPS or theme park industries in order to extend the recoat options for decorative finish applications.

FEATURES

- Fast Drying
- Low Cost
- Quick Dry Characteristics
- Single Component

ORDERING INFORMATION

- 5 US Gallon kit (1 X 5 gallon pails)
- Freight Class: Non Regulated
- Do not freeze

TECHNICAL SPECIFICATIONS

Theoretical Coverage 500 sq feet per US gallon at one dry mil
*allow 10 - 15 % extra material for waste
Weight: 55 pounds per pail

APPLICATION INFORMATION

Mixing

Power agitate component with an air powered drill prior to using. Power agitate for 8 to 10 minutes or until product is thoroughly mixed. Remember **PremiCote 429** is a water based product; to help reduce evaporation do not leave the container open after mixing. Minimum application temperature is 45°F. Do not apply over damp substrates or when poor weather is imminent. Do not apply without ventilation in enclosed areas.

PremiCote 429 is a single component product that does not have a pot life. Due to the primer having a high water content dry times are drastically shortened by high temperatures and low humidity and extended with cold wet weather.

Thinning of this product is typically not needed.

Application maximum thickness is 1 dry mil or .2 gallons per 100 Sq ft., minimum thickness of .5 dry mils or .1 gallons per 100 Sq.ft. . Do not over apply or pond the primer or apply **PremiCote 429** thicker than 1 dry mil. Finished substrate should not be solid grey in colour but more modeled or spotted in consistency.

Technical Data Sheet



Equipment

PremiCote 429 is designed for application by 30:1 airless pumps capable of maintaining 3000 psi output. Reversatip spray guns with tip sizes of between .017 and .025 are recommended. Cup guns and HVLP spray equipment can also be used. Flush spray equipment with water prior to starting to remove any solvent residue that may be present in the paint hoses.

Recoat

Applied primer can be coated as soon as dry which can be just a few minutes at 70°F with low humidity. For maximum adhesion of polyurethanes or polyurea prime as soon as the coating is tack free, or within 2 hours of initial coating application. PremiCote 1007 can be used as a primer for coating application with durations beyond the 2 hour timetable.

PROPERTIES OF 429		
Mixing Ratio by Volume		Single component
Colour		Light Grey
Shelf Life		1 year
Solids by volume	calculated	30 %
Viscosity	#3 spindle	800 cps
Recoat	Minimum	As soon as dry
	Maximum	3 days
Flash Point	Closed Cup	>200° F

Material Safety Data Sheets are available on this coating material. Individuals who may come in contact with these products should read and understand the Material Safety Data Sheet.

Technical Data Sheet