

JAXSAN AG-102

HIGH GLOSS PAINT/SEALANT

Jaxsan AG-102 is a great looking high gloss coating for interior or exterior applications where the look of an oil based enamel paint is desired and the performance of a flexible and elastic sealant is necessary. It is manufactured using water thinnable acrylic polymer emulsion. AG-102 is available in white and tile red, khaki tan, forest green, mahogany brown and light gray. Other colors are available for an extra charge for colorant and matching when a color chip is submitted to a sales representative for approval.

Jaxsan AG-102 resists cracking and chipping because it has elastomeric qualities that allow it to move with the applied surface. Flexible metal such as aluminum and clean galvanized steel (duct work and roofing panels) are good applications for AG-102 because it adheres well to these surfaces and is flexible enough to move with the surface without damaging the coating. Typical applications include applications over primed steel roofing panels, coating over elastomeric coatings (non-silicone based), wood, primed cement containing surfaces and any previously painted surface. Jaxsan AG-102 is formulated according to USDA standards for incidental contact with meat and poultry products.

Typical Properties

Coating classification: Acrylic Emulsion, interior or exterior, non-leaching, not-toxic formula that may be used in incidental contact with meat and poultry in USDA compliant facilities.

Volume solids: 40% \pm 1% non-volatile.

Weight solids: 51% \pm 1% non-volatile.

Volatile Organic Content (less water): <196 grams/liter.

Thinning solvent: Water. Do not thin for normal use.

Recommended film thickness per coat: 3 dry mils per coat; two coats recommended.

Total film thickness recommended: 6 dry mils.

Dry time per coat: Varies with temperature and humidity; average time is 1 hour to touch. Water resistance is poor immediately after application and improves through first 12 hours. Protect from moisture until cured.

Recoat time: Varies with temperature and humidity, 3 to 8 hours average.

Surface Preparation and Application Considerations

Surfaces must be clean, dry and free of oil and other contaminants. Prime rusty surfaces with Jaxsan 1500 primer and cement surfaces with Jaxsan 1400 primer. If mildew is present, remove with a bleach (15%) and water (85%) solution with a little detergent as a rinse/wash aid. Premixed solutions are available commercially and are recommended. Rinse well before applying primer or AG-102.

Exterior applications require good weather for successful results. Do not apply when poor or inclement weather is expected or likely. Do not apply in areas where water is expected to pool and stand.

Apply by brush or by airless spray method. A 20:1 airless sprayer or larger is preferred for spray application. A paint type spray gun (Graco silver gun) is acceptable using a tip size of approximately 17 to 27 thousandths inch orifice. One half-inch hose reducing to a 1/8-inch whip is acceptable for most applications.

Dark colors will dry faster in sunlight than white or white colors. Thicker films require more dry and cure time than thin films. High humidity and low temperatures will significantly slow dry and cure time. It is the responsibility of the applicator to manage the events and conditions of the application. If application questions arise, call your sales representative or Plastic Coatings Corp. for further information. Color fade is expected as the coating ages. Sunny exposures will fade faster than shaded exposures.

Precautions

Do not allow liquid paint to freeze. Soak up spills immediately with absorbent materials and clean residue with soap and water before coating dries. After drying, coating is very difficult to remove.

COVERAGE CHART

Jaxsan AG-102 is 40% non volatile by volume. Each gallon will yield 6.0 mils of dry coating per 100 square feet or 650 square feet per gallon at one mil dry film thickness. Based on these numbers the following coverage rates can be used as a guide for determination of coating coverage. These rates are theoretical rates because they do not make allowances for any coating loss due to application technique or surface profile. Typical coverage losses will be around 5% to 15% on smooth surfaces.

Desired Dry Film Thickness	Coverage Rate
3 mils	216.6 square feet per gallon
6 mils	108 square feet per gallon