

Corolon Coatings & Corrosion Control Technologies Inc.
2 Haas Rd., Toronto, Ont M9W 3A2
tel. 416-401-88 55 fax 416-401-88 78
www.corolon.com

PRODUCT DATA SHEET
COROLOCK PP
SINGLE COMPONENT POLYURETHANE PRIMER

- DESCRIPTION:** CoroLock PP is an isocyanate, single component corrosion inhibiting polyurethane primer containing micaceous iron oxide.
- USAGE:** Intended for use as primer to be applied directly to steel and concrete. It is also suitable for use as a tie coat when applied over elastomeric coatings prior to recoating with some other coating system.
- COLOR:** Red or medium Grey
- CONSISTENCY:** Low viscosity fluid, easily applied by brush, roller or spray. Pigments settle to a soft, easily re-suspended condition.

PHYSICAL PROPERTIES

- CHEMICAL RESISTANCE:** Good solvent, acid, alkali and salt resistance. Has an excellent corrosion inhibitive property.
- HARDNESS:** Forms a tough, resilient, abrasion resistant film.
- WEATHERABILITY:** Fair. Do not expose to strong sunlight for more than two weeks.
- WATER VAPOUR PERMEABILITY:** Cures to form a solvent and vapour resistant film.
- TOXICITY:** Contains solvents, which require ventilation of solvent vapours during application. Contains approx. 20% of a polyisocyanate which may be irritating to the skin and is toxic if inhaled as particulate matter. Any material contacting the skin should be neutralized by washing with generous quantities of water. Spray application can lead to inhalation of particulate matter consequently, a respirator is required for spray application.
- ADHESION:** Excellent adhesion to metals, concrete, masonry and most coating and plastic materials.

LIQUID COMPONENT PROPERTIES

- SOLIDS:** Weight: $73 \pm 2\%$

Volume: Grey $62 \pm 1\%$
 Red $60 \pm 1\%$

FLASH

POINT: Above 106° F. (41° C) T.O.C.

COVERAGE: Coverage on rough or porous surfaces may be as low as 150 sq.ft. per gallon (one gal/sq.) and on smooth surfaces up to 300 sq.ft. per gallon.

STORAGE

STABILITY: Six months in original unopened containers. Material may gel if not kept tightly sealed or if exposed to moisture. Normally, containers should be used up on a job or within one week after originally being opened.

CLEANING: Clean equipment with Toluene, Xylene or M.E.K.

APPLICATION

Apply to clean, dry and oil free surfaces at 200 – 300 sq.ft. per gallon (4.9 - 7.4 sq.meters per litre) This will yield 3.2 – 4.8 mils dry film thickness (81 - 122 microns) CoroLock PP can be sprayed using conventional equipment but the applicator must take precautions against inhalation of particulate mater. Use of proper respirator is necessary. Do not heat CoroLock PP before or during spray application. Additional coats may be applied as soon as the previous coat is firm, and preferably, within eight hours. After 24 hours inter-coat adhesion can be poor. Freezing temperatures will extend this recoat time up to 72 hours, due to the slow down in cure.

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