

**COROLON COATINGS & CORROSION CONTROL
TECHNOLOGIES INC**

**2 Haas Road, Toronto, Ont. Canada
Tel. 416- 401 88 55; fax 416-401 8878
Email: corolon@sprint.ca**

**TECHNICAL PRODUCT DATA SHEET
COROLON 3550
Single Component Urethane Roof Coating**

DESCRIPTION

Corolon 3550 is a single component, environmentally safe, moisture cured urethane coating.

USAGE

Corolon 3550 is primarily used as a protective coating system for use over polyurethane foam to provide weather protection and waterproofing.

COLOUR Aluminum or Copper

PHYSICAL PROPERTIES

TENSILE	ASTM D-412	Strength:	1400 psi min.
		Elongation:	300% min.
		Permanent Set:	10% max.
HARDNESS:	ASTM D-676	Shore A	80±5
TEAR RESISTANCE:	ASTM D-624 Die C		150 pli
WATER VAPOUR:	ASTM E-96 Procedure B		0.02 Perm In.
PERMEABILITY:	100% R.H. Difference		
WEATHERABILITY:	Excellent		
CHEMICAL RESISTANCE:	Good salt and solvent resistance. Fair resistance to acid and alkali.		
FLAMMABILITY	Not rated		
ADHESION:	Excellent adhesion to polyurethane foam, concrete and wood. See primer recommendation for other substrates.		

COROLON 3550

Strona 2 z 2

LIQUID COMPONENT PROPERTIES

COVERAGE:	Sq.Ft./Gal/Mil	1130
SOLIDS:	Weight:	78.9%±0.5%
	Volume:	70.5%±0.5%
V.O.V.:	Contains less than 23.5 grams/liter	
FLASH POINT:	ASTM D-56	105° F
TOXICITY:	Contains MDI isocyanate and combustible solvents. The TLV for the solvent is 200 parts per million. Provide adequate ventilation when applied in confined areas or use an air supplied face mask. The solvents and isocyanate may be irritating to the skin. Neutralize any material contacting the skin by washing with water for 10-15 min.	
STORAGE		
STABILITY:	One year from date of manufacture when stored in unopened containers below 75° F	
THINNER AND		
CLEANER:	Clean with Toluene, Xylene or Hi-Flash Naphtha, thin up to 10% with High Flash Naphtha or Mineral Spirits.	

APPLICATION

EQUIPMENT:	Mix Corolon 3550 before application to assure uniform colour and consistency. Corolon 3550 can be applied by brush, roller or spray. Thinning up to 10% by volume is allowed if viscosity increases. For spray applications, thinning is not recommended.
PRIMER:	No primer is required for wood or concrete. Use Corolon #11, #12 or # 1007 primers on steel. Use Corolon #1007 on copper and glass.
CURE TIME:	Corolon 3550 will cure in 36 hours at 60 F and 40% relative humidity. Lower temperatures and humidity will require longer curing times.

The information herein is believed to be reliable and accurate to the best knowledge Corolon Inc. Corolon makes no warranties, expressed or implied of the products use or its results, and assumes no obligations or liability in connection therewith.