

Tectyl[®] 5187

Description

TECTYL[®] 5187 is a water-based corrosion preventive designed for application to automotive

underbodies. This compound will dry to a wax-like film.

Laboratory Data

Consistency	Black colored, thixotropic liquid
Film Type	Black colored wax-like film
Non-Volatile Content (by weight)	39%
Non-Volatile Content (by volume)	37%
VOC (lbs/gal minus water)	0.2
Weight/Gallon	8.5
Specific Gravity	1.02
Flash Point	None - Water Base
Shelf Life	90 days (min.)
Removal: Wet Film (1/2HR after application)	Soap and water
Removal: Dry Film	Mineral Spirits
Freeze/Thaw Stability	POOR - DO NOT FREEZE PRODUCT
Dry Time to Touch (25°C,50%RH)	½ to 1 Hour

Application

TECTYL[®] 5187 can be applied using conventional underbody rustproofing equipment. Daubert recommends a 15:1 airless pump or greater that can deliver 800-1200 psi to a .017 to 0.25 reverse-a-clean tip. Tectyl 5187 should be applied at temperatures above 50 °F to allow for proper film formation.

Corrosion Preventive Properties

Parameters of Test

Substrate	Cold Rolled, Elpo, Plastisol, or Topcoated 4X12 Steel Panels
Coating Film Thickness	10 to 12 mils wet, 3 to 4 mils dry
Aging of Panels	72 hours @ 25°C

TEST	RESULTS
Humidity 100% Condensing - 1000 hours	No defects
5% Salt Spray ASTM B-117 - 500 hours	No defects; 1 mm creep back
Gravelometer -20°C, C-SAE-J400	Good or Better rating
Corrosion Cycles, GM 9505P-G - 30 cycles	No defects
Salt Water Immersion, MIL-C-0083933-A(MR)	No defects
Top Coat Cleanability, GM 998-5448	Removable with no staining
Top Coat Compatibility, GM 998-5448	No discoloration
Detergent Wash Test, GM 998-5448	No defects
QUV 500 Hours (Min.)	No defects
QUV/Salt Spray	No defects
High Temperature Flow Resistance, 93°C	No sagging
Water Wash Resistance, 24 Hrs Dry Time	Film remains intact

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