

PRODUCT INFORMATION

CHIP-RESISTANT UNDERBODY COATINGS

TECTYL® chip-resistant underbody coatings provide resistance to chipping, scratching and gravel impacts normally seen on truck and trailer underbodies. This product line is formulated to provide excellent adhesion, hardness and durability to most substrates including primers, e-coat, and lightly oiled steel. These coatings will also provide sound dampening and are designed to reduce sheet metal resonance and structural borne noise.

As with all TECTYL® products, these coatings also provide significant corrosion inhibition for a variety of metals, both ferrous and non-ferrous. These chip-resistant coatings can also be recoated with most urethane, acrylic or alkyd resin formulated automotive topcoats to provide additional protection or desired finish.

PRODUCT INFORMATION

LABORATORY DATA	3334M Gray	3335 Black	3344 Black	3345 White	2102HP
Liquid Appearance	Gray	Blue/Black	Blue/Black	Off-White	Black
Dry Film Color	Gray	Black	Black	Off-White	Black
Film Type	Abrasion Resistant				
Non-Volatile by Weight	55%	55%	54%	54%	40%
Non-Volatile by Volume	41%	42%	42%	42%	33%
VOC (lbs/gal minus water)	0.32	0.04	0.18	0.34	4.35
Viscosity Brookfield RV Spindle #4 @ 10 rpm	15,500 cPs	9,000 cPs	17,000 cPs	17,500 cPs	10,000 cPs
Weight per Gallon	10.91	10.75	10.58	10.91	7.91
Specific Gravity	1.31	1.29	1.27	1.31	0.95
Flash Point	(None - Water Based)				(-4°F)
Wet Film Thickness	17.5 mils	17.5 mils	17.5 mils	17.5 mils	24 mils
Dry Film Thickness	8.0 mils	8.0 mils	8.0 mils	8.0 mils	8.0 mils
Coverage	90 sq.ft/gal	90 sq.ft/gal	90 sq.ft/gal	90 sq.ft/gal	67 sq.ft/gal
Dry Time to Touch	30 - 60 minutes				
pH	9.2	10	10	9	N/A
Full Cure Time	72 Hours				4 Hours
Shelf Life	1 year				2 years
Removal: Wet Film (20 minutes)	Soap and Water				Toluene
Removal: Dry Film	Not Intended for Removal				

ACCELERATED CORROSION TESTS	3334M Gray	3335 Black	3344 Black	3345 White	2102HP
100% Relative Humidity (Hours) ASTM* B-1748 @ Recommended DFT (Cold-Rolled Steel, GM9508 Panels)	1,000	1,000	1,000	1,000	1,000
5% Salt Spray (Hours) ASTM* B-117 @ Recommended DFT (Cold-Rolled Steel, GM9508 Panels)	2,000	2,000	2,000	2,000	800
Gravelometer- 20°C, C-SAE-J400 GM-998-4247. GM9508P			9A, Excellent Rating No Adhesion Loss		7A, Very Good Rating No Adhesion Loss

APPLICATION

These products can be applied using conventional underbody rustproofing equipment. Daubert recommends a 10:1 airless pump or greater that can deliver 800-1200 psi to a .017 to 0.025 reverse-a-clean tip. These products should be applied at temperatures above 50°F to allow for proper film formation. DO NOT FREEZE.

TECTYL® 3334M Gray, 3335 Black, 3344 Black and 3345 White are water-based and are not freeze/thaw stable. Exposure to temperatures below 32°F will result in severe damage to the product.

TECTYL® 3334M Gray, 3335 Black, 3344 Black and 3345 White use water as the primary solvent. The dry time depends on temperature, relative humidity, and air circulation. These products should not be applied to a substrate below 50°F. The wet films should not be exposed to freezing temperatures without sufficient dry times to allow the water to evaporate.

TECTYL® 2102HP is a solvent-based product and is freeze/thaw stable. Care should be taken to remove any source of ignition. Refer to the SDS for recommendations on the safety requirements for the application of **TECTYL® 2102HP**.

TECTYL® chip-resistant coatings may also be used on external trash chutes. It is not advised or recommended to be used for interior trash chutes due not meeting particular NFPA standards and various building codes requiring a coating that does not support combustion. For chutes located inside buildings, **DAUBERT®** recommends our **V-DAMP®** product line of water-based sound deadening coatings.

*ASTM (American Society for Testing and Materials)

Please Refer to SDS or Contact Daubert Chemical Company for Additional Information

DAUBERT CHEMICAL COMPANY

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