

TECTYL[®] 435D

Description

Tectyl[®] 435D is a hot application corrosion preventive compound which provides an effective barrier against atmospheric corrosion. The film is firm, tan in color, and opaque. Tectyl[®] 435D is approved under Military

Specification MIL-C-11796C, Classes 1 and 1A, QPL Reference Numbers M-6179 and M-6172, respectively.

Laboratory Data

Flash, PMCC*, Minimum
Density, Weight/Gallon @ 77°F (25°C)
Specific Gravity @ 60°F (15.6°C)
Recommended Dry Film Thickness over Metal Profile
Theoretical Coverage @ Recommended DFT
Non-Volatile % by Weight
Non-Volatile % by Volume
High Temperature Flow Point, Minimum
Melting Point
Penetration @ 77°F (25°C), mm
Application (dip) Temperature

Typical Properties

350°F
7.5 ± 0.1 lbs./gallon
0.90
1.5 mils
145 sq. ft./pound
99.5
99.5
150°F
175°F
49
200°F Max.

Accelerated Corrosion Tests:

100% Relative Humidity (Hours)
ASTM D-1748 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels) 720

Weathering Hours (Federal Standard 141,
Method 6151 @ Recommended DFT) 300

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL® 435D can be achieved only when the metal surfaces to be protected are clean, dry, and free of rust, oil, and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50 - 95°F (10 - 35°C) at the time of product application.

Application

TECTYL® 435D should be applied to clean, dry metal surfaces in the hot (molten) state by hot airless spray or dip. (See application temperatures under Lab Data.) TECTYL® 435D can be applied at warm, ambient temperatures by brush or swab.

Removal

TECTYL® 435D can be removed by TECTYL® HPS, vapor degreasing, or high-pressure steam cleaning.

Caution

For additional handling and first aid information, refer to Daubert's Material Safety Data Sheet.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a primer other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.