



BEAM ML702

Description

Beam ML702 is a solvent cut back corrosion preventive compound. The dry film is firm, amber and translucent.

Beam ML702 is excellent for protection of metallic surfaces against corrosion in domestic and overseas shipment.

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
Volatile Organic Content (VOC), Maximum
Approximate Dry to Touch Time @ 77°F (25°C)
Cure Time
High Temperature Flow Point, Minimum

Typical Properties

106°F
7.4+0.1LBS./ Gallon
0.89
1.3 mils
592sq. ft/ Gallon
55+ 2
48+ 2
3.48 lbs./ Gallon
1 Hour
24 Hours
300°F

Accelerated Corrosion Test:

5% Salt Spray (Hours)

ASTM** B-117 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels)

2496 hrs

100% Relative Humidity (Hours)

ASTM D-1748 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels)

1500 hrs

Surface Preparation:

The maximum performance of Beam ML702 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Beam recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application:

Beam ML702 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Beam. DO NOT THIN BEAM ML702. Incorrect thinning will affect film build, dry time and product performance. Beam recommends that the ambient and product temperature be 50-95°F (10-35°C) at time of application. Beam ML702 can be spray or dip applied. DO NOT FREEZE BEAM ML702.

Removal:

Beam ML702 can be removed with solvent borne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. Beam ML702 can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Storage:

Store Beam ML702 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Caution:

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES. Refer to Material Safety Data Sheet for additional handling and first aid information.

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 product other than Beam's recommended product is required, written authorization must be obtained from Beam.

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