



High Solids Corrosion Inhibitive Epoxy Primer

CM0483987

ADVANTAGES

- Provides excellent corrosion protection
- Qualified to SAE International's AMS 3095.
- Excellent for large areas with a good wet edge time
- Flows out to a nice, smooth surface
- Designed to work with Sherwin-Williams topcoat systems
- High square coverage per gallon
- Contains less than 2.9 lbs. of VOC per mixed gallon or 350 grams per liter
- Excellent topcoat gloss hold out
- Designed as a non-sand system

DESCRIPTION

CM0483987 is an high performance, two-component, corrosion inhibitive Epoxy Primer that is simple to apply and its translucent finish flows out to a smooth surface. It provides excellent adhesion to treated substrates. This coating is qualified to SAE International's AMS 3095.

COATING PROPERTIES

Solids:	Sprayable
By weight	62.3 ± 1.0
By volume	42.2 ± 1.0
Wt./Gal.	11.1 ± 1.0
Color	Green
Viscosity-Sprayable	
Gardner Signature #2 Zahn Cup	15-20 seconds
Admixed V.O.C. (Mixed 3:1:1)	
U.S. Exempt Solvent	<2.9 lbs./gal (350 g/L)
Non-Exempt Solvent	<4.2 lbs./gal (504 g/L)
Useable Pot Life	
at 77°F / 25°C	4 Hours
Theoretical Coverage	
Per dry mil	678 ft.2 / gal.

SHELF LIFE

Shelf Life is applicable only for materials stored in unopened and undamaged original factory filled containers.

Minimum Storage Temp: 40°F / 4°C
 Maximum Storage Temp: 100°F / 37°C

- CM0483987: 2 years
- CM0120987: 2 years
- CM0110787; 7 years
- CM0110944 : 7 years



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SURFACE PREPARATION

To insure proper primer adhesion to the substrate, all contaminants must be removed. Depending on the type of substrate to be prepared, different methods should be used. There are a variety of processes to prepare these substrates for primer and painting.

Sherwin-Williams primers are designed to go over various pre-treatments (i.e., alclad or anodized aluminum, composite, fiberglass, magnesium, and stainless steel) as well as properly prepared metal and composite substrates.

MIXING INSTRUCTIONS

Shake primer component for 15 minutes before admixing.

Admix by Volume:

- 3 Parts** Translucent Epoxy Primer Base
CM0483987
- 1 Part** Adduct
CM0120987
- 1 Part** Reducer options
CM0110787 or CM0110944

Add the Adduct and Reducer into the Primer Component. Stir in slowly and allow a 15-minute induction time

It is recommended to filter strain admixed primer before placing material in containers for spraying.

APPLICATION

Best spray application results are obtained by applying one singular continuous closed film or one cross coat.

Recommend dry film thickness 0.6 to 1.2mils

A Surfacer primer of choice can be applied after allowing the primer to dry for a minimum of 2 hours.

This product can be applied using conventional air spray, HVLP, electrostatic airspray / air assisted airless.

NOTE: Full opacity is not required to achieve corrosion protection.

DRYING SCHEDULE

Dry times are based on the dry film thickness of 0.6-1.2 mils (15-30 microns).

Air Dry Times (75°F / 25°C and 50% RH) Min. Max.
To light sand or apply topcoat 2 Hours 72 Hours*

Force Dry: (140°F (60°C), 45% RH) Min.
To light sand or apply topcoat 20-30 Minutes

NOTE: If the product is to be over coated, it is advised to overcoat this product with an intermediate primer or topcoat within 72 hours of primer application, light scuff sanding is not advised due to the Chrome content. If scuffing is necessary use P240, P320 paper &/or red abrasive pads. Always wear the appropriate PPE when scuffing.

NOTE: Lower temperatures, heavy film thickness, improper activator range selection and poor air movement will extend the dry time.

EQUIPMENT CLEANUP

Use clean Ketone-type solvents such as CM0110308 MEK. Do not allow material to cure inside equipment.

PRODUCT INFORMATION









Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.



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- 1** Shake the CM0483987 for 15 minutes before admixing.
- 2** Add in order shown below. The Adduct and Reducer should be mixed into the primer component. Stir as components are added.

Order of Addition	Volume	U.S.		Metric	
		Large	Small	Large	Small
 CM0483987 Primer	 3 Parts	3 Gal.	3 Qt.	11.4 L	2.85 L
  CM0120987 Epoxy Adduct	 1 Part	1 Gal.	1 Qt.	3.8 L	.95 mL
  CM0110944 US Exempt Reducer or CM0110787 Reducer	 1 Part	1 Gal.	1 Qt.	3.8 L	.95 mL

- 3** Allow admix to induct 15 minutes.
- 4** Filter strain and apply.



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