

## PRODUCT NAME

# Flex-Top RDM 100 Primer

## One component poly-urethane primer

## MANUFACTURER

### Gemite® Products Inc.

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## FEATURES

- One component air cured system
- Aromatic polyurethane primer/sealant
- Low sensitivity to substrate moisture
- Exterior use
- Superior bond
- Low toxicity
- Horizontal and vertical applications
- Fungus and mold resistant
- Spray, roller or brush applied

## PRODUCT DESCRIPTION

### Basic Use

*Flex-Top RDM 100 Primer* is used as a primer with *Flex Top RDM 100* (aromatic) and *Flex Top RDM 200* (aliphatic) flexible urethane coatings.

### Composition and Materials

*Flex-Top RDM 100 Primer* is one component, air cured aromatic polyurethane primer..

### Limitations

The air and substrate temperature must be above 25°F (-4 °C), and the ambient temperature must be above dew point. The substrate must not be frozen.. There is no upper limitation on relative humidity, but the surface must be free of visible water. The lower limit of relative humidity is 20%

### Health and Safety

Avoid contact with skin and eyes. May cause irritation and skin and lung sensitization. If contact with skin occurs, clean off immediately with a rag and wash with soap and water while removing contaminated clothing. Call physician if irritation persists. If eye contact occurs, flush with running water for at least 15 minutes. Combustible in the liquid state. Do not use near naked flame or on very hot surfaces and do not smoke when using *Flex-Top RDM 100 Primer*. Ground containers when pouring. Use only in well ventilated areas and avoid breathing vapor. Wear protective equipment including gloves, spray masks and goggles , especially when working overhead. For serious expo-

sure by inhalation, remove victim to fresh air and obtain medical attention as need. If ingested do not induce vomiting. Obtain medical attention immediately. Keep product out of reach of children. FOR INDUSTRIAL USE ONLY. Consult MSDS for additional information.

### Color

Clear (will amber if exposed to UV rays)..

### Packaging

*Flex-Top RDM 100 Primer* is packed in 19 L (5 USG) pails.

### Yield/Coverage

*Flex-Top RDM 100 Primer* covers 5.1 -12.2 m<sup>2</sup>/L (210 - 500 ft<sup>2</sup>/USG) depending on the porosity and surface profile.

### Storage and Transportation

*Flex-Top RDM 100 Primer* has as a shelf-life of 12 months when stored in unopened containers on pallets in a cool dry area above 32 °F (0°C).

## TECHNICAL DATA

Viscosity @ 25°C (77°F)	25 seconds, #2 Zahn Cup	
Flame Spread	Class 1, will not support combustion	
Overcoating	4-6 hours	
Toxicity	non-toxic and inert in dry film	
Drying Times at 68°F (20°C) and 50% RH	Touch	1-2 hours
These	Recoat	4-6 hours
Weight	8.01 lbs/USG(0.95 g/cm <sup>3</sup> )	
Solids by volume	54%	
Solids by weight	60%	
Recommended Thickness	1.5 to 2 mils DFT	
Service temperature	-58 °F(-50°C) - +176°F(80°C)	
Temperature Resistance	continuous 150°C (300°F)	short periods 200-250°C (390-480°F)
Thinner	<i>Flex-Top RDM 200 Thinner</i>	
Solvent Type	PM Acetate	
VOC	4.8 lbs/USG (576 g/L)	
Flash Point	105°F (40.5°C)	

## INSTALLATION

Current Guide Specifications and Application Instructions contain information specific to each application and must be followed. Gemite's Technical Service must be consulted before starting a project to ensure that the correct surface cleaning, preparation and application procedures are followed. Contact Gemite Technical Service for detail information.

## Surface Preparation

Surface must be clean and free of oil, grease, wax, dirt, paint rust or any other contaminants. Remove all loose material, dirt and existing paint by dry or wet sandblast, or high pressure water-blasting (min 3,500 psi). Repair the surface, if necessary, using *Gem-Plast TC* (up to 6 mm/ 1/8") or *Fibre-Patch OV*. All surface voids and openings (especially masonry surfaces) must be filled and surface must be smooth prior to the application of *Flex-Top RDM 100 Primer*. Acid etch or abrasive blast all slick, glazed concrete or concrete with laitence. For acid etching follow all manufacturer's directions and safety instructions. The concrete substrate must be dry prior to application of the primer and coating.

## Application

*Flex-Top RDM 100* is applied by brush, roller, conventional or airless spray. Spray applications requires a competent and experienced applicator using an airless spray pump (e.g. Graco King 45-63:1).

## Re-Coat

*Flex-Top RDM 100 Primer* should be re-coated with *Flex-Top RDM 100* or *Flex-Top RDM 200* in 4-6 hours.

## Clean Up

All tools and equipment should be cleaned with *Flex-Top RDM 200 Thinner*, Toluene, Xylene or MEK immediately after use.

## AVAILABILITY AND COST

*Flex-Top RDM 100 Primer* is available worldwide. Contact the manufacturer for the name of the nearest Representative/Distributor and pricing information.

## MAINTENANCE

Not required

## WARRANTY

A limited twelve (12) month Material Replacement Warranty is available. For complete details contact Gemite's Head Office.

## TECHNICAL SERVICE

For advice on suitability of *Flex-Top RDM 100 Primer* for specific application, Specification assistance and Application Instructions, contact Technical Service: USA 888-443-6483 or Canada 905-672-2020.

## Short Specification

The primer will be aromatic urethane based *Flex-Top RDM 100 Primer* manufactured by Gemite Products Inc., [USA 888-443-6483] [Canada [905-672-2020]]. It will meet all the Technical Data specified in the current *Flex-Top RDM 100 Primer* Product Data Sheet.