

PRODUCT NAME

Gem-Seal® MB Plus

Methyl-metacrylate Based, Clear, Acrylic Sealer

MANUFACTURER

Gemite® Products Inc.

Toll Free: 888-4-GEMITE (888-443-6483)
E-mail: techinfo@gemite.com
Web Site: www.gemite.com

USA	CANADA
160-3480 East Robinson Rd.	1787 Drew Road
Amherst, New York 14228	Mississauga, Ontario L5S 1J5
Phone 888-443-6483	Phone 905-672-2020
Fax 888-443-6329	Fax 905-672-6780

FEATURES

- Waterproof and weatherproof
- Breathable and self-cleaning
- No chipping, peeling or flaking
- High abrasion resistance
- High flexibility
- High durability and UV resistance
- Unaffected by salts and acids

PRODUCT DESCRIPTION

Basic Use

Gem-Seal MB Plus is used as a protective clear sealer for parking decks, bridge decks and concrete floors. It prevents the intrusion of road salts, oil, grease and increases the surface resistance to abrasive wear. It provides an excellent protection to de-icing chemicals used in airports. *Gem-Seal MB Plus* is also used as a protective, waterproofing wall sealer. *Gem-Seal MB Plus* is a fast drying clear sealer, exhibiting excellent adhesion and flexibility combined with superior durability, freeze/thaw and weather resistance. *Gem-Seal MB Plus* is breathable and water repellent. It is intended primarily as a single coat application. In some applications, the use of *Gem-Gard SX/SL* (horizontal surfaces) or *Rain-Shield Clear SX/SB* (vertical surfaces) as a primer coat is recommended. Contact Technical Service for advice.

Composition and Materials

Methyl-methacrylate resin based sealer in a hydrocarbon solvent.

Limitations

Keep away from heat and open flame. When used in interior, provide adequate ventilation. Harmful if digested. Keep product out of reach of children. FOR INDUSTRIAL USE ONLY. Consult MSDS for additional information.

Colors

Gem-Seal MB Plus is a clear sealer. If a colored sealer is required, contact Gemite Products Inc. for *Gem-Gard Stain OP SB* (Opaque, Solvent Borne) information.

Packaging

Gem-Seal MB Plus is packaged in 20 L (5 USG) pails and 209 L (55.2 USG) drums.

Coverage

Gem-Seal MB Plus will cover approximately 5-7 m²/L (200-267 ft²/USG) per one (1) coat.

Storage and Transportation

Shelf life of *Gem-Seal MB Plus* is two years. Store in temperatures above 4°C (40°F). Packaged 36 pails or 4 drums per pallet.

TECHNICAL DATA

Appearance	Clear Solution
Solids content (by weight)	23 %
Viscosity	31 centipoise
Flash Point	81°C (177°F)
Tukon Hardness of Clear Film	12-13
Composition	Methyl-methacrylate copolymer

APPLICATION

Surface Preparation

The surface to be coated must be clean. Remove all dirt, efflorescence, loose particles, cement scaling and other foreign matter which can interfere with the penetration and adhesion of the sealer. Use power brush or sandblasting as required. The surface must be thoroughly dry before application of *Gem-Seal MB Plus*.

Application

Do not apply when rain is imminent. Apply above 7°C (45°F) and under 40°C (105°F). The surface temperature must not be in excess of 30°C (86°F). Do not thin *Gem-Seal MB Plus*. Airless spray and short nap roller are used to apply *Gem-Seal MB Plus* on vertical surfaces. On horizontal surfaces apply the sealer by a roller, spraying or “flooding”. When applying two coats allow one to two hours between the coats depending on temperature. *Gem-Seal MB Plus* will be tack free in one to two hours and fully cured in five days depending on atmospheric conditions.

Clean Up

Clean the tools with mineral spirits or xylol. The dry material can be dissolved using acetone.

AVAILABILITY AND COST

Gem-Seal MB Plus is available worldwide. Contact the manufacturer for the name of the nearest Representative/Distributor and pricing information.

MAINTENANCE

No maintenance is required. *Gem-Seal MB Plus* is self-washing. The atmospheric dust collected on the surface after long term use of *Gem-Seal MB Plus ST* for a specific application, specification assistance and application instructions, contact Technical Service: USA at 888-443-6483 in Canada at 905-672-2020.

Short Specification

The clear methylmethacrylate sealer will be *Gem-Seal MB Plus*, manufactured by Gemite Products Inc., [USA 888-443-6483 or Canada 905-672-2020]. It will meet all the Technical Data specified in the current *Gem-Seal MB Plus* Product Data Sheet.