

PRODUCT NAME

Gem-Cote™ WA Plus

Waterborne, Acrylic Floor Coating



MANUFACTURER

Gemite® Products Inc.

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FEATURES

- Superior toughness
- High abrasion resistance
- Flexibility
- High durability
- Resistant to water blushing
- Water borne
- High bond
- Fungus and mold resistant
- Easy to clean
- Roller, brush or spray applied
- Good chemical resistance
- Cures tack-free in 1.5 to 2.5 hrs.
- Economical

PRODUCT DESCRIPTION

Basic Use

Gem-Cote WA Plus is an abrasion resistant colored floor coating for light to medium traffic concrete floors, including parking garage floors. It is used as a color coat without an additional clear coating.

Composition and Materials

Gem-Cote WA Plus is a one component, modified acrylic emulsion, high performance floor coating, exhibiting an excellent resistance to water, salts and mild chemical exposure. *Gem-Cote WA Plus* is an easy to apply material for either interior or exterior applications. It is very easy to clean. *Gem-Cote WA Plus* is applied by spray, brush or roller.

Limitations

Do not apply *Gem-Cote WA Plus* when air temperature or surface temperature are, or likely to be, lower than 5°C (41°F). Water condensation on the applied coating film, during the initial few hours of drying, may adversely affect the appearance and hardness of the coating. Painted surfaces must be tested to check that *Gem-Cote WA ST* does not debond the existing paint surface. If in doubt, strip the existing paint to clean concrete. The proper surface preparation is essential for successful *Gem-Cote WA Plus* application. Contact Gemite Technical Service before

starting a project to ensure that the correct surface preparation and application procedures are followed.

Health and Safety

Gem-Cote WA Plus is a nontoxic waterborne coating. Your skin might be sensitive to acrylic latex or the modifying additives. Avoid contact with eyes and prolonged contact with skin. If contact occurs, flush immediately with water. Seek medical advice if irritation occurs. Harmful if digested. Keep product out of reach of children. **FOR INDUSTRIAL USE ONLY.** Consult MSDS for additional information.

Colors

Gem-Cote WA Plus is available in standard colors. Custom colors are available upon request.

Packaging

Gem-Cote WA Plus is supplied in 20 L (5.3 USG) pails.

Coverage

Gem-Coat WA Plus covers approximately 10-12 m²/ L (400-535 ft² per USG) per one (1) coat.

Storage and Shelf Life

Gem-Cote WA Plus has a shell-life of 12 months when stored in unopened containers. Packaged 36 pails per pallet.

TECHNICAL DATA (Light Gray)

Pigment volume content %	0.8
Volume solids %	23.8
pH	8.9
Elongation	36 %
Mandrel Flexibility	6 mm (1/4 in)
Overcoating	2-3 hrs
Service Time	Overnight

INSTALLATION

Guide Specifications are available and must be followed.

Surface Preparation Concrete

New concrete must be cured before coating and all traces of curing compound must be removed. Remove all loose or delaminated concrete. Clean the concrete surface by shotblasting, or high pressure washing to remove laitance, dust, dirt and loose deteriorated concrete or paint. Concrete must be clean and dry. On or below grade concrete should not be coated if the water problem exists. Smooth trowelled or surface hardened concrete floors may require acid etching, powder grinding or sandblasting are recommended methods for roughing the surface. To remove grease, oil & other penetrated contaminants, use a commercial concrete cleaner or scrub with a strong detergent and rinse thoroughly.

Gemite Products Inc.
June 2009

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03064 Concrete Sealers
09780 Floor Treatment

When preparing previously painted concrete remove all paint or varnish, which is not well bonded to the substrate. Test small area of well bonded coating to determine if *Gem-Cote WA Plus* will cause lifting, wrinkling or bubbling. If any of these occur, remove paint or varnish by sanding or using a paint remover. If coating is not attacked, sand to dullness and clean thoroughly.

In cases where the “wet” or other types of cleaning of the new concrete surfaces are not possible or difficult to use, a suitable primer can be used. Contact Gemite Products Inc. for Guide Specification and Application procedures for *Gem-Cote WA Plus*. The surface preparation procedure must be consulted with Gemite’s Technical Service for each project.

Application

Gem-Cote WA Plus can be applied with a roller, brush or can be sprayed. Apply minimum two coats. The second coat can be applied as soon as the first coat becomes “tack free”. The second coat should be applied soon after the first coat to avoid the contamination of the first coat. Contact Gemite Products Inc. for information regarding the use of *Gem-Cote WA Plus* for nonskid floor applications. Under average conditions, coated areas will be ready for light traffic in 12 hours. Normal use of area may be resumed in 24 hours.

Clean Up

All tools and equipment must be cleaned immediately with water. Paint thinners can be used to clean the dry material.

AVAILABILITY AND COST

Gem-Cote WAST is available worldwide. Contact the manufacturer for the name of the nearest Representative/Distributor and current pricing information.

MAINTENANCE

For cleaning use ammonia free industrial detergents.

WARRANTY

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

TECHNICAL SERVICE

Technical advice on suitability of *Gem-Cote WA Plus* for specific application, Specification assistance and application advice, contact Gemite Products Inc. Technical Service in the USA at (888)443-6483, in Canada at (905)672-2020.

Short Specification

The protective floor coating will be modified, water borne acrylic coating *Gem-Cote WA Plus*, manufactured by Gemite Products Inc., USA 888-443-6483 or Canada 905-672-2020.