

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 m<sup>2</sup>/ L (400-535 ft<sup>2</sup> 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 %	39.6
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.  
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09780 Floor Treatment