

# GemStone Spray Mix

Polymer-modified acrylic cementitious color bond coat.

## DESCRIPTION:

GemStone Spray mix is a cementitious coating formulated for texture and knock down coatings over a prepared surface.

## RECOMMENDED FOR:

- < Concrete driveways and walkways.
- < Pool decks and patios.
- < New or old concrete to provide a uniform color.

## FEATURES / BENEFITS:

- < Multiple color possibilities for cementitious toppings.
- < Provides uniform color over concrete surfaces.
- < Excellent bonding capabilities.

## PACKAGING / ESTIMATING:

GemStone Spray mix is packaged in 50 lb.(19.2 kg) bags.

## SURFACE PREPARATION:

Remove all deteriorated and delaminated concrete. Substrate should be free of all oil, dirt, grease, and other contaminants. The surface should be roughened by mechanical methods such as sandblasting, water blasting, shotblasting or other suitable means.

Areas deeper than 1/4 in.(8 mm) should be repaired prior to the application of the spray mix.

## MIXING:

One (1) 50# LB. Bag of spray mix to 1 to 2 gallons of Gemstone resin.(liquid resin) Mechanically mix with a heavy duty drill and Jiffer-type paddle. Pour in resin into mixing container, and then add the bagged material while continuing to mix. Mix 3 to 5 minutes until all chunks are gone.

Colorants are added to mixed material as desired. White colorant may be also added for additional hide.

The mixed material should be strained prior to application to remove any small lumps.

Mixing Ratio, by volume, approx. 2 parts dry material to 1 part liquid resin

## APPLICATION:

First prime surface with gemstone resin, by means of a low pressure sprayer or paint roller. (2 gallons covers approx. 600 ft<sup>2</sup>).

GemStone spray mix should only be applied over properly prepared surfaces by means of paint rollers, and brush.

\*\*Small amount of Gemstone resin may be added if material starts to thicken or redrill as needed.

## PERFORMANCE DATA:

<b>Working Time:</b>	<b>60 min. at 70E F</b>
<b>Recoat Time:</b>	Allow to dry thoroughly.
<b>Elcometer Adhesion:</b> (ASTM D 4541)	100 % Cohesive failure 0 % Bond loss.
<b>Thermal Compatibility:</b> (ASTM C 884)	5 Cycles, no delamination
<b>Tensile Strength:</b>	925 PSI
<b>Ultraviolet Resistance:</b>	No yellowing after 1000 cycles
<b>Flexural Strength:</b>	1830 PSI
<b>Shear Bond Strength:</b>	350 PSI

## LIMITATIONS:

- < Do not apply coating when rain is expected.
- < GemStone spray mix must be mixed to a uniform consistency without lumps.
- < Do not use more than the recommended amount of premixed resin.
- < Recommended ambient and substrate temperature range at the time of application is 40E to 90E F.( 6E to 32E C).

## RELATED BULLETINS:

MSDS - GemStone Dry Mix.