



GemCo Limited

Specialty Coatings & Chemicals

4.120 GEMCOAT™ AG CLEAR ANTI GRAFFITI COATING

Composition

- **GEMCOAT™ AG** is a single pack, clear, water based anti-graffiti coating.
- **GEMCOAT™ AG** has been developed in New Zealand for New Zealand conditions. It has the following key characteristics:
 - Excellent anti-graffiti properties allowing repeated graffiti removals.
 - It is environmentally & user friendly.

Properties

It has been formulated to have the following properties:

- It can be applied over concrete, stone, & many other surfaces – consult GemCo.
- It can also be applied over most coatings – consult GemCo.
- Suitable areas of use – buildings, fences, median barriers, bridges, signage, tanks etc
- Graffiti like spray enamels & felt pen can be removed from **GEMCOAT™ AG**
- **GEMSTRIP GA** graffiti remover is used to remove graffiti

Physical properties

- Appearance: White liquid
- Odour: low odour
- Flammability: non flammable
- Pack sizes by volume 1L, 5L, 20L, 200L drum
- Coverage 5-10 sq m/litre theoretical – will vary in practice
- Recoat time wet on wet – will depend on temperature.
- Dry time @ 25 ° C Touch Dry 30 min, Dry to handle 1 hour, Full cure – 7 days

Preparation

- Concrete and cement must be cured 28 days minimum, then ground or acid washed to remove any laitance (alkaline salts from curing)
- All surfaces to be clean, dry, & free of contaminants before application of **GEMCOAT™ AG**

Application

- Apply a test patch on substrates where Gemcoat AG has not been used before and check adhesion and tagging removal – Do not proceed if adhesion and tagging removal are not OK.
- **GEMCOAT™ AG** can be applied by brush, roller, or spray
- Rolling using a 5 -10mm good quality fleece roller is preferred method.
- Start at top of walls using upward strokes then work down
- A minimum of 2 coats will be required - 3 coats is recommended for best longevity.
- Apply wet on wet - do not allow to dry before applying next coat.
- Do not apply below 10 ° C
- Do not apply in rain
- Do not apply if rain is expected
- Clean up with water
- Tagging removal - **Gemstrip GA** Graffiti Remover must be used to remove tagging from surfaces coated with **GEMCOAT™ AG**

Handling Precautions

- Avoid contact with eyes and skin. Do not ingest. Use with adequate ventilation.
- Use a respirator with an organic cartridge when if spraying or applying in confined spaces.
- Wear protective clothing, eye protection, and gloves.
- Keep away from children.

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