



CONCRETE & MASONRY

**2G** PROTECTANTS™

Penetrating Water Based Concrete & Masonry Protector

## TECHNICAL DATASHEET

### PRODUCT DESCRIPTION

CM is engineered to protect concrete and masonry surfaces in one application .

It provide the first self-cleaning, Non-Volatile Organic Compound (VOC), chemical resistant and waterproof protection against petroleum products, road-salt, oil and gasoline.

CM provide three active processes: Hygroscopic, Hydrophilic and Hydrophobic for all-weather concrete and masonry substrate protection. The three processes will block the migration of moisture in concrete and masonry substrates from inside out with a repellent that prevents moisture penetrating into the surface. The crystals penetrate deep into pores and microscopic cracks to seek out moisture.

Upon contact the crystals expand to trap the moisture and allow the evaporation and expulsion process to start.

The Hydrophobic process creates a non-slip moisture repellent layer that prevents moisture from penetrating into the substrate. Treatable areas includes concrete and masonry walls, slabs, driveways, paver's, basements, garages, docks. Exposure to CM is safe for humans, animals and all vegetation including marine life.

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### ADVANTAGES OF APPLICATION

- Self-Cleaning
- Non-VOC
- One time application
- Provides long lasting internal waterproofing and moisture blocking.
- Excellent repelling property that preventing petroleum based product, most soils, acids, salts and oil penetration to the protected surface.
- Protects reinforcing steel bars against corrosion.
- Eliminates damage caused by repeated freezing and thawing cycles.

### AREAS OF APPLICATION

- Concrete Floors
- Paver
- Roof Tiles
- Gas Stations
- Reservoirs

### TECHNICAL DATA

• Specific Gravity	1.6
• Coats Required	One
• Drying Time	1-3 hours
• Freeze Temperature	25°F /-4°C
• Boiling Point	221 °F /105°C
• Cleanup	Water
• Color	Clear
• Odor	None
• Toxicity	None
• Flammability	None
• Fumes	None
• Environmental Hazards	None



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### INSTRUCTIONS

Before opening the pail mix the solution by turning the pail upside down 2-3 times and wait 2min between each time so the solution mixes properly.

### SURFACE PREPARATION

Clean surface from debris before applying the product. Mechanically remove existing membranes if needed. Do not apply if rain is expected within 2 hours. For instant result pressure-wash the surface prior to applying the product. Always test an area for suitability. Drying time: 1-3 hours.

### METHOD OF APPLICATION

Use a low-pressure sprayer or roller. Apply evenly over the area.

### PACKAGING

5 gal pail  
275 gal IBC-Tote

### DO NOT USE CM

If temperatures below 45°F (7°C) If the surface has a membrane coating or sealer on it, mechanically remove prior to applying CM

### LIMITED WARRANTY:

2G Protectants LLC. warrants that the product will be consistent to material specification and quality by manufacturer prior to shipping FOB.

### DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However 2G Protectants LLC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final decision of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

### COVERAGE

150 - 200 sqf/gal  
Depending on porosity and composition of surface being treated. One coat application only.

### SAFETY

Wear protective gloves and eye protection. If contact with eyes flush with running water for 10-15min and if needed seek medical attention. Do not ingest product

### STORAGE

Store in room temperature, dry place in unopened pails. **Do NOT let product freeze**

### CLEAN UP

Clean all equipment, tools with clean water after use.