



# Maximum Grip

## Slip Resistive Safety Floor Coating

### DESCRIPTION

Crommelin® Maximum Grip is a highly durable concrete coating formulated for use when a slip resistive finish is required.

Unlike traditional line marking paints that just sit on the surface, Maximum Grip's highly penetrative formulation bites into the concrete surface, delivering maximum coating adhesion, long-term durability and excellent colour coverage.

Maximum Grip is perfect for the demarcation of areas, as per Australian workplace safety signage requirements.

### FEATURES AND BENEFITS

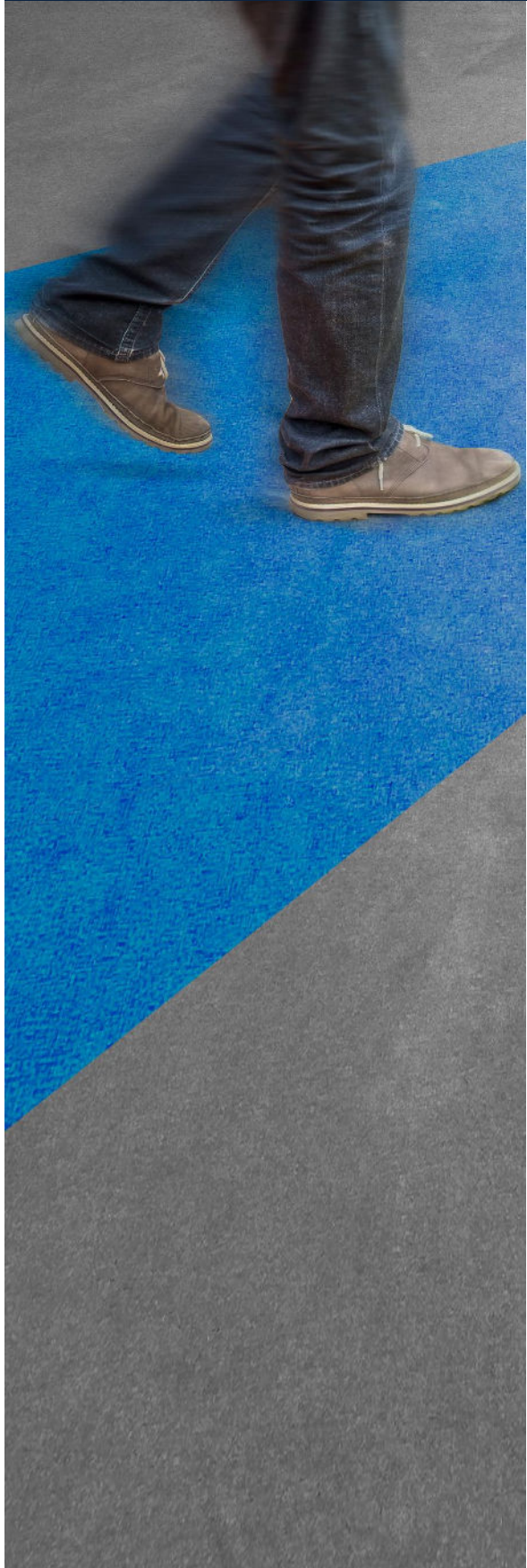
- Penetrative formulation for maximum coating adhesion.
- Superior wear resistance compared to traditional paving paints.
- Maximum pedestrian slip resistive finish.
- Easy application, repair and re-coat.
- UV stable – interior and exterior use.

### AREAS OF USE

Maximum Grip is suitable for use on most paving and concrete surfaces, and is ideally suited to:

Colour	Areas of Use
Grey	Stair wells, plant rooms, sloping surfaces, workshop floors, warehouses and concrete areas.
Red	Demarcation for areas of danger, fire protection equipment, emergency stop buttons and defective products.
Yellow	Demarcation for areas of hazard, warning of projections, low doorways, steps, traveling conveyors, overhead suspended items, posts, columns, pedestrian walkways and traffic markings.
Blue	Demarcation for areas of PPE storage, information notice boards, parking areas, entrances and equipment.
Green	Demarcation for areas of first aid facilities, safety showers, respiratory and rescue equipment, safety instructions, exit signs and safe zone pedestrian walkways.
Clear	For areas such as steps, ramps and where a clear slip resistive coating is required.

Note: A test patch is recommended prior to full application to access colour suitability, coating adhesion and slip-resistive finish.



## SUITABLE SUBSTRATES

Maximum-Grip is suitable for use on the following surfaces:

- New and existing concrete
- Compressed cement sheeting
- Porous natural stone
- Masonry
- Other porous cementitious materials

**Note: Maximum-Grip is not suitable or recommended for use on dense natural stone, clay pavers, ceramic tiles, non-porous surfaces, timber, poorly consolidated, weak, friable and dusty substrates or Fremantle Stone products. A test patch is recommended prior to full application to assess colour suitability, coating adhesion and slip-resistive finish.**

## APPLICATION TOOLS

- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Medium nap roller.

## SURFACE PREPARATION

Full surface preparation instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- **Surfaces must be clean**, sound and free from dust, grease, curing compounds, release agents, loose particles, efflorescence, concrete laitance or any other contaminants. Use Crommelin<sup>®</sup> Water Rinsable Degreaser to remove grease, oils etc.
- **All surfaces to be coated must be sound.** Any areas of loose or friable substrate must be removed and repaired by a suitable repair mortar.
- If acid etching has taken place, ensure neutralisation of the area and thorough rinsing has been conducted.
- **All surfaces to be coated must be dry.** A moisture test is required 100% of the time to ascertain if the substrate is dry enough to coat. Electronic moisture meters are recommended, however a simple test may be performed as per below.

**Simple Moisture Test:** Place a 300mm x 300mm piece of black plastic or rubber mat on the area to be coated at the hottest part of the day. After 2 hours, remove and inspect. If any condensation is present on the underside of the plastic, or the substrate has darkened, then it is too wet to coat. Be patient, allow to dry further and repeat test until no moisture is detected.

- If area has been previously sealed, ensure coating compatibility. If in doubt, remove existing coating.
- Ensure any areas where coating is not required are suitably protected with plastic drop sheets or similar.

**Porosity Testing:** Place a few drops of water on the surface you wish to test. Leave for 2 minutes and dab dry with paper towel. If darker wet spots remain, the surface is porous and can be sealed. If the surface does not darken or show signs of penetrations, it is too dense and should not be sealed.

## PRODUCT PREPARATION

- **Maximum-Grip** is ready to use, simply stir well to ensure homogenous distribution of colour and slip-resistive components prior to application.

## APPLICATION CONDITIONS

- Do not apply if surface/ambient temperatures are too high or too low. Recommended application temperature range 10<sup>o</sup>c - 35<sup>o</sup>c.
- Do not apply if humidity is too high, or likely to be during the initial cure phase. Maximum recommended humidity during application and cure is 85%.
- Do not apply if rain is expected within 48 hours.
- Weather details may be checked at <http://www.bom.gov.au>.

## APPLICATION PROCESS

Full application instructions can be found at [www.crommelin.com.au/full-instructions/](http://www.crommelin.com.au/full-instructions/)

- Apply a trial patch before full application, to assess sealer adhesion, colour and slip resistance.
- Ensure that all application tools are clean and lint free.
- Apply the first coat of **Maximum Grip** as per recommended coverage rates.
- When the first coat is sufficiently dry (to touch), apply a second coat ensuring a consistent film.
- Ensure regular mixing of product during application to ensure consistent colour and slip-resistive finish.

## RE-COAT/CURE TIME

- Recoat time: 2 hours.
- Light foot traffic: 4 hours.
- Full cure: 7 days.
- Do not expose area to moisture or vehicular traffic until full cure.

## COVERAGE

- 8m<sup>2</sup> / L per coat.
- 2 coats required.
- 1L will produce approximately 4m<sup>2</sup> of finished coating.
- 4L will produce approximately 16m<sup>2</sup> of finished coating.

**Note:** Coverage rates are dependent upon the porosity of the surface to be treated and are offered as a guide only. A sample test area is recommended to determine specific coverage rates.

## CLEAN UP

- Clean all equipment with **Crommelin<sup>®</sup> Cleaning & Thinning Solvent** before product dries.

## RELATED PRODUCTS

- Crommelin<sup>®</sup> Moisture Meter.
- Crommelin<sup>®</sup> Contractor Membrane Applicator Brush – 100mm, 75mm.
- Crommelin<sup>®</sup> Contractor Membrane Roller Cover – 230mm.
- Crommelin<sup>®</sup> Cleaning & Thinning Solvent.
- Crommelin<sup>®</sup> Water Rinsable Degreaser.

## MAINTENANCE AND REPAIR

- Protect **Maximum Grip** from harsh chemicals, abrasion and other potentially damaging conditions.
- The use of door mats is recommended at all entry points.
- Regular cleaning of the coated surface to remove abrasive contaminants is recommended.
- Areas of wear or damage may be repaired by ensuring that the area is dry and clean, and reapplying sealer to the affected areas at the recommended coverage rates.



## PRECAUTIONS

- Ensure substrate is completely dry before application.
- Ensure adequate surface preparation is carried out to allow even application.
- Ensure a trial patch is applied to ensure suitability, required slip resistance and desired result is achieved.
- Ensure any existing coatings are compatible or removed prior to application.
- Do not apply during periods of extreme weather conditions – temperature or humidity. Apply between 10<sup>0</sup>c and 35<sup>0</sup>c and less than 85% humidity. To check these conditions, refer to <http://www.bom.gov.au>

## TRANSPORT AND STORAGE

- Size: 1L, 4L
- Weight: 1kg, 4kg
- Cool and Dry Storage
- UN Number: 1263
- DG Class: 3
- Flash Point: 43°C
- Hazchem Code: 3Y
- Poisons Schedule: 5

## SAFETY AND FIRST AID

Crommelin® Maximum Grip Safety Data Sheet is available from Crommelin® upon request.

### Safety

- Ensure good ventilation and avoid breathing vapours.
- Avoid skin and eye contact. Wear gloves and eye protection. Remove splashes on skin immediately and remove contaminated clothing.
- Keep out of reach of children.
- Keep container sealed when not in use.
- Do not swallow.

### First Aid

- If poisoning occurs, contact a doctor or poisons information centre: Ph. 13 11 26.
- If swallowed, do not induce vomiting. Give a glass of water to drink.
- If in eyes, hold eyes open and flood with water for at least 15 minutes.
- If not breathing, apply artificial respiration.

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Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin® also reserves the right to update information without prior notice, to reflect ongoing research and product development.