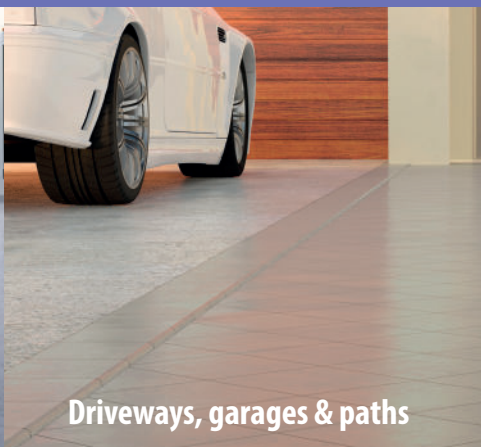# Crommelin®

DiamondTough

Inside & outside

Driveways, garages & paths

Entertaining areas & pavers

Swimming pool surrounds

Concrete, Paving & Stone Sealers
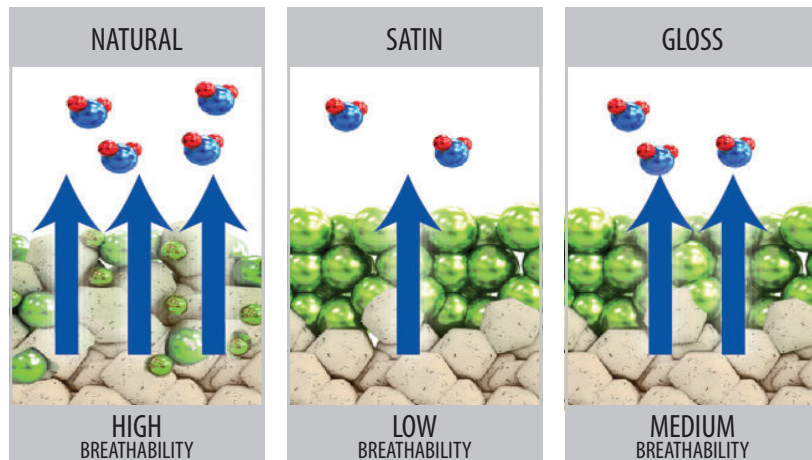
Crommelin®

DiamondTough

Crommelin DiamondTough sealers are formulated to provide superior long term sealing performance, suitable for use on a wide variety of surfaces. Crommelin DiamondTough sealers provide excellent surface protection from stain causing agents and enhance the natural beauty of stone and concrete surfaces.

The Crommelin DiamondTough system will clean, restore, recolour, protect and enhance natural stone and concrete surfaces all around the home.

Substrate Breathability

• Breathability is the rate at which stone and concrete substrates can release moisture.

• Sealers should match or have greater breathability than the substrate it is applied to.

• If the rate of sealer breathability is less than the substrate, moisture may become trapped under the sealer surface and a white, cloudy appearance may form.

• The breathability of both substrate and sealer is the most important factor that will determine the success and performance of your sealed surface.

Below is a guide to the breathability of Crommelin DiamondTough sheen levels:

NATURAL	SATIN	GLOSS
HIGH BREATHABILITY	LOW BREATHABILITY	MEDIUM BREATHABILITY

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Colour Enhancement

• The level of colour enhancement of your surface is determined by which Crommelin DiamondTough product is selected.

• The higher the sheen level, the greater the enhancement of the natural colours within the substrate.

NATURAL	SATIN	GLOSS	TINTABLE
Before	Before	Before	Before
After	After	After	After
Invisible Finish	Wet Look	Wet Look	Full Colour

Product Choice

• DiamondTough Concrete & Paving Clear Sealer – clear sealers for manufactured materials including concrete, pavers and poured limestone.

• DiamondTough Natural Stone Clear Sealer – clear sealers for natural porous materials including sandstone and limestone.

• DiamondTough Stone Shield Clear Sealer – clear sealer for dense natural stone such as marble, granite, travertine and blue stone.

• DiamondTough Coloured Sealer Tint Base – coloured sealer for use over new and old concrete

Still not sure? Simply call for 7 day a week advice 1800 655 711

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Crommelin DiamondTough sealers will provide the best results when simple preparation and application methods are followed.

Simple Surface Preparation

Quality surface preparation will always deliver a quality finish. To ensure the best results possible, follow the simple steps below:

- Remove all loose material with a stiff bristle brush.

- Remove all contaminants, including oils and tyre marks, using DiamondTough Clean N Prep as per instructions.

- Ensure the surface to be sealed is completely dry. Test an area by placing black plastic on the substrate and leave in direct sunlight. If after 2 hours moisture is present on the underside of the plastic or the surface has darkened, the substrate is too damp to seal and further drying time must be allowed.

- Once the surface is completely dry, a sealer test application in an inconspicuous area is advised using a Crommelin DiamondTough sample pot. This will determine the final surface appearance, surface porosity and if DiamondTough Anti-Slip is required.

- Measure the area to be sealed and refer to chosen product coverage rates for required sealer volume.

Simple Application

Correct sealer application will always deliver a great result, so always remember to:

- Only apply the sealer at the recommended coverage rate applicable to your substrate and at a rate the surface will allow (porous surfaces require more sealer and denser surfaces require less sealer).

- When applying Satin and Gloss sealers, the result should be a consistent film across the entire surface. Dark roller or brush marks may result from un-even application.

- When applying Natural sealers, ensure no excess sealer is left on the surface as this can remain tacky or produce an inconsistent finish. Dense stones such as Bluestone may only require 1 coat.

- Do not apply DiamondTough Sealers if rain (or other forms of moisture) is expected.

- Allow sealers to fully cure before area is used.

Application Tools

- For best results, gather all tools required before you begin application.

- Brush, medium nap roller or lambswool applicators are recommended.

Cleaning & Thinning Solvent

- Crommelin DiamondTough Solvent will aid in the removal of Crommelin DiamondTough sealers from application equipment.

- Assists removal of excess wet and cured coatings.

- Aids in reworking coatings to increase penetration.

Clean N Prep

- Crommelin Clean N Prep is a strong solvent based water soluble cleaning agent for use prior to sealing with the DiamondTough range.

- Clean N Prep will remove most grease, tyre marks and general dirt build up prior to sealing. Once applied, Crommelin Clean N Prep will wash completely clean with fresh water.

Anti-Slip Additive

- Crommelin Anti-Slip is a manufactured ceramic sphere that aids in increasing traction when used in conjunction with Crommelin DiamondTough Satin and Gloss sealers.

- Ideal for use on grip critical surfaces like smooth or sloping paving and concrete, it is simply added to the sealer before application.

Crommelin®

DiamondTough

Concrete & Paving Clear Sealer

Crommelin DiamondTough Concrete & Paving sealers are ideal for use on all paved and concrete areas. Incorporating both surface coating and penetrating technologies, Crommelin DiamondTough Paving and Concrete sealers provide a range of surface finishes and performance characteristics.

Suitable Substrates

High Porosity
- Poured limestone.
- Exposed aggregate.
- Coloured concrete.
- Stencilled concrete.
- Concrete pavers.

Medium Porosity
- Tilt panel.
- Honed concrete.

Low Porosity
- Clay brick pavers (only Natural Finish recommended).
- Polished concrete - 400 grit or higher (only Satin or Gloss Finish recommended).

Coverage Rates

Paving & Concrete Sealer Satin / Gloss
- High porosity substrate - 4-6m^2/L per coat.
- Medium porosity substrate - 10-20m^2/L per coat.
- Low porosity substrate - 20-30m²/L per coat.

Paving & Concrete Sealer Natural
- High porosity substrate - 2-4m^2/L per coat.
- Medium porosity substrate - 4-6m^2/L per coat.
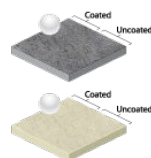- Low porosity substrate - 6-10m²/L per coat.

Water Based Paving & Concrete Sealer
- First coat, diluted 2:1 part water at 10-12m²/L.
- Second coat, undiluted at 10-12m²/L.

Sizes

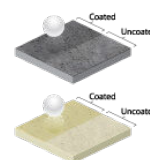DiamondTough Concrete & Paving Sealer is available in 4L, 10L and 250mL sample pots.

Natural Finish
- A penetrating sealer with little to no visible colour enhancement.
- Natural matt finish.
- Will not increase the slipperiness of the surface, ideal for pool surrounds or sloping surfaces.
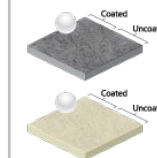- Suitable for clay pavers.

Satin Finish
- A surface coating sealer with medium colour enrichment.
- Low sheen to semi gloss finish.
- Ideal for driveways, paths and walkways, coloured, stamped, polished and stencilled concrete.
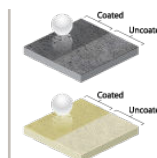
Gloss Finish
- A surface coating sealer with deep colour enrichment.
- Semi gloss to gloss finish, dependent upon substrate.

Water Based
- A tough protective shield with moderate colour enhancement.
- Low sheen to gloss finish, dependent upon substrate.
- Not suitable for areas with vehicular traffic, such as driveways or garages.

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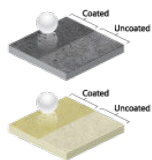
Indoor Polyurethane Concrete Floor Clear Sealer

Exposed Aggregate & Polished Concrete Clear Sealer

Crommelin DiamondTough Indoor Polyurethane Concrete Floor Clear Sealer is a premium interior clear floor finish, formulated for use as a decorative and functional alternative to 2-part polyurethane and epoxy coatings.

Crommelin DiamondTough Indoor Polyurethane Concrete Floor Clear Sealer delivers a tough, stain and abrasion resistant gloss finish, suitable for use in areas of the home or work place.

DiamondTough Indoor Polyurethane Concrete Floor Clear Sealer is suitable for use in the following areas:

• Living rooms and studies.
• Kitchens and laundries.
• Utility rooms.
• Workshops.
• Factories and warehouses.
• Commercial floors.

Suitable Substrates
• Concrete.
• Decorative flake floor systems.

Coverage Rates
• 6m²m/L per coat.

Sizes
DiamondTough Indoor Polyurethane Concrete Floor Clear Sealer is available in 4L.

High Gloss
• Tough, high gloss finish.
• High stain and abrasion resistance.

Crommelin DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer provides clear stain protection and colour enhancement for exposed aggregate, polished concrete and freshly laid concrete.

Crommelin DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer has been engineered for easy application, to deliver professional results and long lasting UV stable protection, and may be applied on fresh concrete as little as 24 hours after concrete is poured.

Suitable Substrates
• Exposed aggregate.
• Polished concrete.
• New/fresh concrete.

Coverage Rates
• Exposed Aggregate - two coats at 6-10m²/L.
• Polished Concrete - two coats at 10-16m²/L.
  (if one coat achieves an acceptable finish, sufficient product has been used and a second coat is not required).
• New Concrete - one coat only at 6-10m²/L.
• For porous surfaces, a 3rd coat may be required.

Sizes
DiamondTough Exposed Aggregate & Polished Concrete Clear Sealer is available in 4L and 10L.

Low Sheen
• Surface coating sealer with medium colour enrichment.
• Good stain and abrasion resistance.

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Crommelin®
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Natural Stone Clear Sealer

Crommelin DiamondTough Natural Stone Clear sealers are formulated to protect and beautify porous natural stone materials. Crommelin DiamondTough Natural Stone Clear Gloss and Satin will protect whilst enhancing natural colours and textures. Crommelin DiamondTough Natural Stone Clear Natural will protect whilst preserving stone's natural appearance.

Suitable Substrates

High Porosity Stone
- Limestone (only Natural and Gloss finish recommended).
- Sandstone.

Medium Porosity Stone
- Basalt (saw cut).
- Travertine (honed).
- Stack stone.
- Natural marble.

Low Porosity Stone
- Saw cut granite.
- Blue stone and slate (only Natural and Gloss finish recommended).
- Honed marble, granite and basalt (only Natural finish recommended).

Coverage Rates
- High porosity stone - 3-6m^2/L per coat.
- Medium porosity stone - 10-20m^2/L per coat.
- Low porosity stone - 20-30m^2/L per coat.
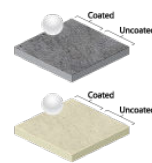- Bluestone & other dense natural stones may only require one coat.

Sizes
DiamondTough Natural Stone Clear Sealer is available in 4L and 10L.

Note
For very dense natural stones and terracotta, use DiamondTough Stone Shield.

Natural Finish
- A penetrating sealer that retains natural appearance whilst providing maximum protection.
- Impregnating silane treatment.
- Ideal for areas where no visible change to the existing natural finish of stone is desired.
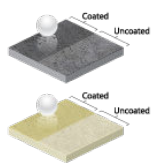
Gloss Finish
- A surface coating sealer with deep colour enrichment.
- Provides maximum surface protection.
- Ideal for paths and walkways, stone cladding, interior and exterior floors, and stone features.
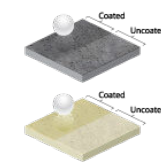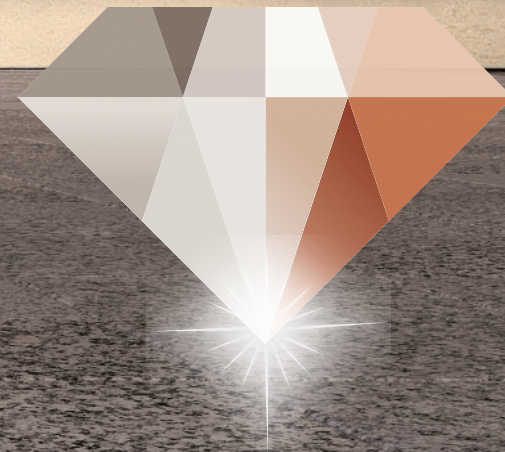
Satin Finish
- A surface coating sealer with medium colour enrichment.
- Low sheen to semi gloss finish, dependent upon substrate.
- Stain resistant surface treatment.
- Ideal for driveways, paths and walkways, stone cladding, interior and exterior floors, and stone features.

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Crommelin®
DiamondTough

Stone Shield Clear Sealer

Crommelin DiamondTough Stone Shield Clear Sealer is a premium waterborne surface sealer, formulated to deliver exceptional stain resistance and water repellency.

Crommelin DiamondTough Stone Shield Clear Sealer is both a penetrating and film forming sealer, delivering maximum surface protection whilst maintaining substrate breathability.

Low Sheen
- Natural to low sheen finish.
- Very high water, stain and abrasion resistance.

Note
- For highly polished benchtops - apply with cloth and work into surface like a polish.
- Ensure second coat is applied before first coat has fully dried.
- Wipe away any excess sealer before it dries on the surface.

Suitable Substrates
DiamondTough Stone Shield Clear Sealer is specifically formulated for use on dense natural stone, including:

- Travertine.
- Granite.
- Marble.
- Bluestone.
- Terracotta.
- Porcelain.
- Reconstituted stone.
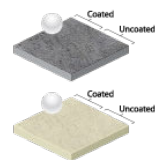- Polished concrete.
- Natural quarry stones.

Coverage Rates
- 10-30m²/L per coat (minimum two coats recommended).

Sizes
DiamondTough Stone Shield Clear Sealer is available in 1L and 3L.

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Crommelin®

DiamondTough

Coloured Sealer Tint Base

Non-Slip

Maximum Grip

Crommelin DiamondTough Coloured Sealer Tint Base is designed to recolour, rejuvenate, seal and protect new and old stained concrete and paving. Crommelin DiamondTough Coloured Sealer Tint Base may be tinted to a range of colours to suit any application. Provides a solid colour that out performs traditional paving paint alternatives, and is suitable for interior and exterior applications.

Crommelin Maximum Grip is a highly durable concrete coating formulated for use when a slip resistive finish is required. Maximum Grip's highly penetrative formulation bites into the concrete surface, delivering maximum coating adhesion, long-term durability and excellent colour coverage.

Suitable Substrates

High Porosity
- Poured limestone.
- Exposed aggregate.
- Coloured concrete.
- Stencilled concrete.
- Concrete pavers.

Medium Porosity
- Tilt panel.
- Honed concrete.
- Off form concrete.

Coverage Rates
- High porosity surfaces - 4-8m^2/L per coat.
- Medium porosity surfaces - 8-12m^2/L per coat.

Sizes
DiamondTough Coloured Sealer Tint Base is available in 3.5L and 8L cans.

Charcoal

Basalt

Mid Grey

Light Grey

Terracotta

Warm Sand

Areas of Use - as per Australian Workplace Safety Requirements

Grey	Stair wells, plant rooms, sloping surfaces, workshop floors and warehouses.
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	Steps and ramps, alfresco areas, driveways, sloping surfaces, walkways.

Suitable Substrates
- New & existing concrete.
- Compressed Cement sheeting.
- Masonry.
- Porous cementitous materials.

Coverage Rates
- 8m^2/L per coat.
- Coverage rates are dependent upon the porosity of the surface.

Sizes
Maximum Grip is available in 1L and 4L cans.

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Crommelin
Waterproofing & Sealing

DiamondTough

To maximise the natural life and protective characteristics of your sealer, general cleaning and maintenance should be performed.

Simple to maintain the perfect finish

- Regular washing of the sealed surface with water is recommended.
- Wash off stain causing agents as soon as they occur.
- Sweep high traffic areas regularly with a soft broom.
- If used inside, mats should be used at exterior doorways to minimise abrasion.
- Install felt pads under furniture legs.
- Use non-solvent based floor cleaners.
- Do not wear sharp, high heeled shoes on sealed surfaces.
- Re-apply sealer when required to maintain the greatest level of performance.
- Re-application may vary from 2 – 10 years, dependent upon substrate and site conditions.

BEFORE APPLICATION OR REUSE VISIT WWW.CROMMELIN.COM.AU OR 7 DAY FREECALL 1800 655 711 FOR

FULL INSTRUCTIONS

APPLY TRIAL PATCH FOR RESULTS PRIOR TO FULL APPLICATION

Simple re-coating

- Re-coating is only required when the surface becomes porous again.
- Check surface porosity by wetting the area and checking for water absorption. If surface darkens and readily absorbs water, the surface is ready for resealing. If the surface does not darken or readily absorb water, do not re-coat.
- Ensure that any re-coating will not produce a total film build that may compromise the breathability of the substrate.
- Do not apply a natural penetrating sealer over a gloss or satin topical sealer.
- Do no apply a satin or gloss topical sealer over a fresh natural penetrating sealer.
- If in doubt, remove existing sealer before re-coating.
- Ensure surface is clean and dry before re-coating.

Still not sure? Simply call our 7 day helpline
P. 1800 655 711

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9 318513 122104