

Crommelin®

Sealing Australia Since 1957



Paving, Stone & Concrete Care

Product Guide

Why seal

- Protect surfaces from unsightly stains, dirt, mould and water damage.
- Enhance natural substrate colours.
- Rejuvenate existing and old concrete surfaces.
- Provide a durable, long lasting protective shield.
- Maximise the life of concrete, paving and natural stone surfaces.
- Reduce surface cleaning time and effort.



Planning to seal

- What are you sealing?
- Where are you applying?
- What finish do you want?
- What key performance features do you need?
- What breathability requirements does your substrate need?
- Is the surface porous and open for sealing?

Choosing the right sealer

Natural Finish Sealers

- Provide excellent water repellency.
- Will not increase surface slipperiness.
- Little or no change to surface appearance.
- Allows maximum substrate breathability.



Low Sheen / Wet Look Sealers

- Excellent stain, water and oil repellency.
- Clear, durable and long lasting.
- Low sheen colour enhancement.
- Easy maintenance and repair.



Gloss Sealers

- High colour enhancement and gloss finish.
- Long lasting protection from stains, water, dirt and algal growth.
- Easy clean, maintenance and repair.

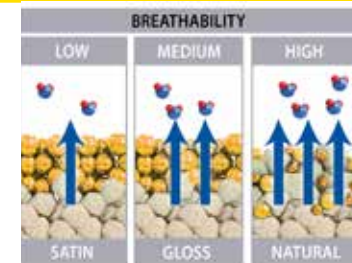


Coloured Sealers

- Rejuvenate existing and old concrete.
- Tough and durable coating.
- Reduce surface cleaning time and effort.
- Colour and protect surfaces in one.

Substrate breathability

- Breathability is the rate at which stone and concrete substrates can release moisture.
- Select a sealer with matching or greater breathability to the substrate.
- If sealer breathability is less than the substrate, moisture may become trapped under the coating, producing a white, cloudy appearance.
- The amount of product applied and recoating will affect breathability.



When to seal

- Only when substrate is completely clean and dry.
- Apply sealer in late morning to early afternoon – after dew point has been exceeded and substrate moisture has been released.

When not to seal

- If substrate moisture level is too high.
- If rain is expected during initial cure time.
- If humidity is too high or likely to be during the initial cure phase.
- If surface or ambient temperature is too high, as carrier solvent will evaporate too quickly and not allow resins / polymers to coalesce at the correct rate.
- Do not seal if surface or ambient temperature is too low, carrier solvent will not evaporate and allow resins / polymers to coalesce at the correct rate.
- When there is an existing coating on the surface not compatible with the new sealer.

Surface preparation

- Surface must be clean and free from dirt, dust, grease, stains, algae, curing compounds, release agents and any other surface contaminants.
- Crommelin® Water Rinsable Degreaser may be used to assist with surface cleaning.
- Rinse exterior surfaces with a high pressure cleaner, mop interior surfaces until clean and allow to fully dry.
- Ensure that the substrate is completely dry before sealer application. The use of an electronic moisture meter is recommended.
- A simple moisture test may be carried out by placing a rubber mat on, or taping a piece of black plastic to the surface to be sealed during the warmest part of the day. Leave in place and inspect after 2 hours. If moisture is present on the underside of the mat or plastic, or if the surface has darkened, the substrate is too wet to seal. Allow more drying time and repeat the moisture test until no moisture is detected.

Sealer considerations

Surface Porosity

- Both new and old paving and concrete surfaces will exhibit varying degrees of porosity.
- High porosity areas will absorb sealer more readily, resulting in a dull appearance.
- Additional coats of sealer may be applied to deliver a more uniform finish.

Slip Resistance

- Natural penetrating sealers will not increase surface slipperiness and should be used in grip critical situations.
- Satin and gloss coating sealers will increase surface slipperiness and should not be used in grip critical situations.
- Slip resistance may be increased by the addition of Crommelin® Slip Resistive Additive into solvent base satin and gloss sealers.

Sealer application

- The correct sealer should be chosen that delivers the required performance and breathability characteristics suitable to the substrate.
- A trial patch is always recommended to ensure final finish and performance characteristics are as required.
- Sealer should only be applied as per recommended coverage rates. Not enough sealer and performance will be compromised. Too much sealer and substrate breathability will be compromised and moisture / adhesion issues may be experienced.
- Do not thin sealer with any solvent other than Crommelin® recommended compatible products. Different solvents have different flash points, which can compromise sealer cure and performance characteristics.
- Do not park a motor vehicle on sealed surfaces, once sealed with an appropriate sealer, for 7 days.
- Remember – less is more! You can always add another coat; it's much harder to remove if there is too much.



Quick Selection Guide

| What | Where | Finish | Colour Enhancement | Crommelin Product |
|--|--|----------------|--|---|
| Man Made (Concrete, Concrete Pavers, Reconstituted Stone, Exposed Aggregate, Poured Limestone etc.) | Concrete densification & dust proofing | Satin | Moderate | Lithium Densifier |
| | | Satin | Low | Concrete Floor Sealer |
| | Indoor / outdoor (vehicular traffic) | Gloss | High | Concrete Paving Sealer |
| | | Satin | High | Wet Look Paving Sealer |
| | | Natural | None | Pool Paving Sealer |
| | Indoor / outdoor (foot traffic only) | Gloss | High | Concrete Paving Sealer |
| | | Satin | High | Wet Look Paving Sealer |
| | | Natural | None | Pool Paving Sealer |
| | | Satin | Low - moderate | Water Based Paving Sealer |
| | Wet areas (pool surround etc.) | Natural | None | Pool Paving Sealer |
| | | Natural | Low - moderate | Natural Finish Sealer |
| | | Satin | Low - moderate | Stain Guard |
| | Sloping surface / steps (foot traffic) | Natural | None | Pool Paving Sealer |
| | | Natural | Low - moderate | Natural Finish Sealer |
| | | Satin | Low - moderate | Water Based Paving Sealer - with Anti-Slip Additive |
| | | Gloss | High | Concrete Paving Sealer - with Anti-Slip Additive |
| | Vertical surface | Satin | High | Wet Look Paving Sealer - with Anti-Slip Additive |
| | | Natural | Low - moderate | Natural Finish Sealer |
| Natural | | None | Pool Paving Sealer | |
| Satin | | Low - moderate | Brick & Render Sealer | |
| Natural Stone (Porous, and well consolidated.) | Indoor / outdoor (vehicular traffic) | Gloss | High | Concrete Paving Sealer |
| | | Satin | High | Wet Look Paving Sealer |
| | | Natural | None | Pool Paving Sealer |
| | | Gloss | High | Slate Sealer |
| | Indoor / outdoor (foot traffic only) | Gloss | High | Concrete Paving Sealer |
| | | Satin | High | Wet Look Paving Sealer |
| | | Natural | None | Pool Paving Sealer |
| | | Satin | Low-moderate | Water Based Slate Sealer |
| | | Satin | Low - moderate | Water Based Paving Sealer |
| | | Satin | Low - moderate | Stain Guard |
| | | Gloss | High | Slate Sealer |
| | Wet areas (pool surround etc.) | Natural | None | Pool Paving Sealer |
| | | Natural | Low - moderate | Natural Finish Sealer |
| | | Satin | Low - moderate | Stain Guard |
| | Sloping surface / steps (foot traffic) | Natural | None | Pool Paving Sealer |
| | | Natural | Low - moderate | Natural Finish Sealer |
| | | Satin | Low - moderate | Water Based Paving Sealer - with Anti-Slip Additive |
| | | Gloss | High | Concrete Paving Sealer - with Anti-Slip Additive |
| Satin | | High | Wet Look Paving Sealer - with Anti-Slip Additive | |
| Vertical surfaces | Natural | Low | Limestone & Sandstone Sealer | |
| | Natural | Low - moderate | Natural Finish Sealer | |
| | Natural | None | Pool Paving Sealer | |
| | Satin | Low - moderate | Brick & Render Sealer | |
| | Gloss | High | Slate Sealer | |
| | Satin | Low - moderate | Stain Guard | |
| Dense Stone (Granite, marble, bluestone, travertine, terracotta etc.) | Natural | None | Pool Paving Sealer (1 coat only) | |
| | Natural | Low - moderate | Natural Finish Sealer (1 coat only) | |
| | Satin | Low - moderate | Stain Guard | |
| Preparation | Cleaning and thinning | | Solvent | |
| | Surface cleaning and stripping | | Water Rinsable Degreaser | |

Note: Test patch is always recommended to assess sealer suitability. All Crommelin sealers are suitable for interior and exterior use.

Dustproofing & densifying floors

Lithium Densifier

- Lithium technology for rapid penetration and instant curing.
- Strengthens concrete surfaces.
- Provides excellent abrasion resistance and dustproofing.
- UV stable, will not yellow, discolour, peel or flake.

Coverage: 6-10m² / L / coat | 1 coat | Packaging: 15L (special order in).

Concrete Floor Sealer

- Matt to gloss finish - depends on number of coats applied.
- Economical and hard wearing protective coating.
- Not suitable for vehicular traffic.
- Water based interior dustproofing and sealer.
- May be tiled or over-painted with acrylic paints.

Coverage: 15-20m² / L / coat on new concrete, or 6-10m² / L / coat on old/dusty concrete | 2 coats | Packaging: 4L, 15L.

Vertical surface sealing & consolidating

Brick & Render Sealer

- Long term water resistant performance.
- Low sheen finish with low to moderate colour enhancement.
- Suitable as a clear coating or over-painted with acrylic paints.
- Seals exterior masonry surfaces.
- Resists stains and damage, algal and other growth.

Coverage: 10-12m² / L / coat | 2 coats | Packaging: 4L.

Limestone & Sandstone Sealer

- Excellent binding and water repellent properties.
- Includes anti-fungal biocide to resist mould growth.
- Natural finish with low colour enhancement.
- Suitable for vertical surfaces only.

Coverage: 2-3m² / L / coat | 2 coats | Packaging: 6L, 15L.

Ornamental Sealer

- Suitable for use on brickwork, pots, garden ornaments, bird baths, statues and outdoor furniture.
- Low sheen finish with low to moderate colour enhancement.
- Resists mould and fungal growth.
- Waterborne and fast drying.

Coverage: 12-14m² / L / coat | 2 coats | Packaging: 750ml spray.

Natural finish sealers

Natural Finish Sealer

- Highly penetrating with maximum water repellency.
- Suitable for use on most porous surfaces.
- Low to moderate colour enhancement.
- Will not increase the slipperiness of surfaces.

Coverage: 6-10m² / L / coat | 2 coats | Packaging: 1L, 4L, 15L.

Pool Paving Sealer

- Highly penetrating with maximum water repellency.
- Highly resistant to salt and chlorine.
- Will not enhance substrate colours.
- Will not increase the slipperiness of surfaces.

Coverage: 4-6m² / L / coat | 2 coats | Packaging: 6L, 15L.

Satin finish sealers

Wet Look Paving Sealer

- Satin "wet look" finish - tough solvent based clear coating.
- Highly resistant to water, stains, grease and mould.
- Non-yellowing with high substrate colour enhancement.
- Rejuvenates existing paving & concrete.

Coverage: 6-10m² / L / coat | 2 coats | Packaging: 1L, 6L, 15L.

Water Based Paving Sealer

- Highly water repellent sealer for most paved surfaces.
- Satin to gloss finish with low-moderate colour enhancement.
- Suitable for interior and exterior use.
- Resists stains and mould growth.
- Suitable for horizontal and vertical applications.
- Not suitable for vehicular traffic.

Coverage: 10-12m² / L / coat | 2 coats | Packaging: 1L, 4L, 15L.

Water Based Slate Sealer

- High durable protective coating for new and old slate.
- Satin to gloss finish for interior and exterior surfaces.
- Excellent stain and water resistance.
- Provides low to moderate colour enhancement.

Coverage: 12-14m² / L / coat | 2 coats | Packaging: 4L.

Stain Guard

- Superior waterborne stain protection.
- Suitable for use on dense natural stone surfaces including granite, marble, travertine and terracotta.
- Low sheen finish with low-moderate colour enhancement.
- Maintains stone's natural appearance.

Coverage: 10-30m² / L / coat | 2 coats | Packaging: 1L, 3L.

Grout Sealer

- Durable coating, resistant to household cleaning products.
- Includes anti-fungal biocide to resist mould growth.
- Effective and hygienic stain and water resistant sealer.
- Low sheen finish, low to moderate colour enhancement.

Coverage: 500ml should cover an average kitchen and dining room floor. | 2 coats | Packaging: 500ml.

Gloss finish sealers

Concrete Paving Sealer

- Tough solvent based clear coating with a high gloss finish.
- High substrate colour enhancement.
- Suitable for interior and exterior use.
- Highly resistant to water, stains, grease and mould.
- UV resistance and non-yellowing.
- Easy re-coat, repair and maintenance.

Coverage: 6-10m² / L / coat | 2 coats | Packaging: 1L, 6L, 15L.

Slate Sealer

- High gloss finish with high substrate colour enhancement.
- Long term UV stability.
- Protects the surface from premature wear and tear.
- Durable protection for new and old slate surfaces.
- Resists oils, grease and general dirt pick up.
- Easy to clean and maintain.

Coverage: 6-10m² / L / coat | 2 coats | Packaging: 1L, 4L.

Accessories

Moisture Meter

- Determine if substrate is dry enough to seal.
- Simple to use.
- Concrete and timber modes.

Contractor Applicator Brush

- Suitable for use with Crommelin sealers.
- Size: 75mm and 100mm.

Contractor Applicator Roller

- Suitable for use with Crommelin sealers.
- Size: 230mm.

Slip Resistive Additive

- Increases the slip resistance of Concrete Paving Sealer, Wet Look Paving Sealer and Slate Sealer.
- Suitable for use on sloping surfaces and those subject to water.
- Packaging: 125g.

Cleaning & Thinning Solvent

- Thinning solvent for use with Concrete Paving Sealer, Wet Look Paving Sealer and Slate Sealer.
- Packaging: 1L.

Water Rinsable Degreaser

- General purpose cleaner, degreaser and sealer remover.
- Prepares surface for sealing.
- Safe and easy removal with water.
- Packaging: 1L.

Efflorescence Remover

- Pre-treatment prior to sealing.
- Removes masonry efflorescence and mineral stains.
- Packaging: 4L.

Contractor Sealer Applicator Wheel

- Attaches directly to Crommelin® Grout Sealer and Shower Sealer & Waterproofers bottles.
- Fast, clean and accurate sealer application.
- Packaging: 3mm, 5.5mm wheels in each package.

Superseal

- For sealing openings above and below roof sheeting.
- Permanent flexible barrier against water, drafts, dust etc.
- Available in a range of profiles and lengths.

Timber Restorer & Sealer

- Rejuvenate and protect exterior timber surfaces.
- Available in Teak and Mahogany.

How to seal and protect paving

Suitable substrates

- Concrete and natural stone pavers.
- Stencilled and patterned concrete.

Products to use

- Clear gloss finish - use **Concrete Paving Sealer**.
- Clear satin finish - use **Wet Look Paving Sealer**.
- Clear satin to gloss finish - use **Water Based Paving Sealer**.
- Natural finish - use **Pool Paving Sealer**.

Surface preparation

- All surfaces must be completely dry, clean and sound.

Application tools

- Brush, roller or airless spray.

Coverage

- Refer to Product Information Sheet of chosen product.

Re-coat / cure time (at 25°C)

- Allow 2 - 4 hours between coats.
- Allow 6 - 8 hours before light foot traffic.
- Allow 7 days for full cure and vehicular traffic.

Tips

- Conduct moisture test before sealer application.
- Water Based Paving Sealer is not suitable for vehicular traffic.
- Use Slip Resistive Additive in grip critical applications.
- Less is more - do not over apply sealer.



How to decoratively seal & protect concrete floors

Suitable substrates

- New concrete floors.
- Old dusty concrete floors.

Products to use

- Matt to gloss finish - **Concrete Floor Sealer**.

Application tools

- Brush, roller, spray or lambs wool applicator.

Coverage

- Coverage rates will depend upon surface porosity.
- New concrete - 1L will cover approx. 8-10m² finished.
- Old concrete - 1L will cover approx. 3-5m² finished.
- Apply 2 coats for good dust-proofing performance and a durable decorative finish.

Re-coat / cure time (at 25°C)

- Allow 30 minutes between coats.
- Allow 24 hours for cure before replacing furniture.
- Allow 7 days for full cure.

Tips

- Conduct moisture test before sealer application.
- Concrete Floor Sealer is not suitable for vehicular traffic.
- Sheen level may be increased by the application of additional coats.
- For dense concrete, 1st coat may be diluted with water 1:1 to assist penetration.



How to seal vertical limestone & sandstone

Suitable substrates

- Natural limestone and sandstone.
- Reconstituted limestone and sandstone.
- Ornamental features and stone capping.
- Not suitable for paved or trafficable areas.

Products to use

- Natural finish - use **Limestone & Sandstone Sealer**.

Surface preparation

- All surfaces must be completely dry, clean and sound.

Application Tools

- Brush, roller or low pressure spray.
- For best results, apply horizontally in a flood coat from top to bottom.

Coverage

- Coverage rates will depend upon surface porosity.
- 1L will cover approx. 1m² finished.
- Apply 2 coats for maximum binding & water repellence.

Re-coat / Cure time (at 25°C)

- Allow 30 minutes between coats.
- Keep completely dry for 24 hours after application.
- Allow 7 days for full cure.

Tips

- Conduct moisture test before sealer application.
- If back filling the reverse side, coat this surface with Crommelin® Water Based Bitumen Paint.



How to enhance and protect slate floors

Suitable substrates

- Natural slate.

Products to use

- Gloss finish - use **Slate Sealer**.
- Satin to gloss finish - use **Water Based Slate Sealer**.

Application Tools

- Brush or roller.

Surface preparation

- All surfaces must be completely dry, clean and sound.

Coverage

- Coverage rates will depend upon surface porosity.
- 1L will cover approx. 6-7m² finished.
- Apply 2 coats for maximum sheen level and durability.

Re-coat / Cure time (at 25°C)

- Allow 4 hours between coats.
- Allow 6-8 hours before light foot traffic.
- Allow 7 days for full cure.

Tips

- Conduct moisture test before sealer application.
- Water Based Slate Sealer is not suitable for vehicular traffic.
- If previously sealed, ensure sealers are compatible.
- Application of sealer may increase the slipperiness of the surface - apply a trial patch before full application.



How to seal grout to keep stain-free & easy to clean

Suitable substrates

- Cement based wall and floor grout.

Products to use

- Low sheen finish - use **Grout Sealer**.

Surface preparation

- All surfaces must be completely dry, clean and sound.
- Mould must be killed by suitable chemical preparation.

Application Tools

- Brush (width of the grout line).
- Crommelin Sealer Applicator Wheel.

Coverage

- Coverage rates will depend upon surface porosity.
- 500ml will seal an average kitchen and dining room.
- Apply 2 coats for maximum performance.

Re-coat / Cure time (at 25°C)

- Allow 2 hours between coats.
- Protect from water for at least 24 hours.
- Allow 7 days for full cure and traffic.

Tips

- Do not apply to glazed ceramic surfaces.
- Ensure that any excess sealer is removed from tiles before it dries.
- If using the Crommelin Sealer Applicator Wheel to apply, ensure the correct wheel is fitted appropriate to the width of the grout lines.



How to seal & protect pots, & garden ornaments

Suitable substrates

- Natural stone.
- Garden pots and ornaments.
- Reconstituted stone.
- Render.

Products to use

- Low sheen finish - **Ornamental Sealer**.

Application Tools

- Comes in a ready to use trigger spray pack.

Coverage

- Coverage rates will depend upon surface porosity.
- 1L will cover approx. 5-6m² finished.
- 750ml trigger pack is enough to seal 4 standard pots.
- Apply 2 coats for good stain and water repellance.

Re-coat / Cure time (at 25°C)

- Allow 30 minutes between coats.
- Protect from water for at least 24 hours.
- Allow 7 days for full cure.

Tips

- Do not attempt to apply too thickly - 2 thin coats are better than 1 thick coat.
- A trial area is recommended to test for penetration, sealer adhesion and final finish.
- Test concrete composite pots for porosity before sealer application by spraying with water - if the surface doesn't darken, it does not require sealing.



How to waterproof brick walls & masonry surfaces

Suitable substrates

- Concrete.
- Brick and masonry.
- Render.
- Natural stone.

Products to use

- Use **Natural Finish Sealer**.

Surface preparation

- All surfaces must be completely dry, clean and sound.
- Surface defects must be removed or filled with suitable repair mortar.
- Efflorescence may be removed with Crommelin Efflorescence Remover.
- Ensure that any areas of mould growth are effectively treated with appropriate cleaning chemicals.

Application Tools

- Brush, roller or low pressure spray.

Coverage

- Coverage rates will depend upon surface porosity.
- 1L will cover approx. 3-5m² finished.
- Apply 2 coats for maximum protection.

Re-coat / Cure time (at 25°C)

- Allow 30 minutes between coats.
- Keep completely dry for 24 hours after application.
- Allow 7 days for full cure.



How to maintain the perfect finish

Easy Maintenance

To maximise the natural life and protective characteristics of your sealer, general cleaning and maintenance should be followed including:

- Wash off stain causing agents as soon as they appear.
- If used internally, mats should be used at exterior doorways to minimise abrasion.
- Regular washing of the sealed surface with water.
- Re-application of the sealer as required to maintain the greatest level of performance.
- Re-application may vary from 2 – 10 years approx, dependent upon substrate and site conditions.
- Use non-solvent based non-aggressive floor cleaners.

Trouble Shooting

Refer to the Full Instruction Guide on the Crommelin website for more information on:

- Safety information.
- How To Videos
- Delamination.
- Wear & tear.
- Cloudy/milky surface appearance.
- Bubbles/blisters.
- Overlap lines.
- Inconsistent sheen level.
- Moisture related issues.

Technical Advice

- Contact Crommelin 7 day free call 1800 655 711.
- Visit crommelin.com.au.
- Email service@crommelin.com.au

