2022 SEALER SELECTI

2022		Actichem	CDK Stone	Spirit Sealers & Cleaners
SEALER SELE	CTION GUIDE PRIME LOCATIONS	ISOU 108 SOU www.actichem.com.au	us 8552 6000 www.Lithofin.com.au	02 9734 0937 www.spiritsealers.com
Granite 1. Polished		Solv Sealer Gold [Ali] Defender SV [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Honed 3. Exfoliated 4. Blasted	Hotels, offices, public buildings	Solv Sealer Pro [All] Solv Sealer Gold [All] Stone Sealer Gold - Green Star [All]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
5. Bush hammered 6. Sawn/split finish	Shopping centre – walkway	Solv Sealer Gold [All] Solv Sealer Pro [All] Stone Sealer Gold - Green Star [All]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
/. Satin/antique	Food court/fast food outlets	Solv Sealer Gold [All] Solv Sealer Pro [All] Stone Sealer Gold - Green Star [All]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Toilet facilities – public places	Soiv Sealer Gold [Ali] Soiv Sealer Pro [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Swimming pool surrounds	Soiv Sealer Gold [Ali] Defender SV [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Colour Enhancer Pro
	Bench and vanity tops	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense - Enhanced Colour [Ali]	Lithofin FVE 1-7 Lithofin Nanotop 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
Marble 1. Polished	Hotels, offices, public places	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Honed 3. Exfoliated 4. Blasted	Shopping centre – walkway	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
5. Bush hammered 6. Sawn/split finish	Food court/fast food outlets	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
7. Saunyanudue	Toilet facilities – public places	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Residential living areas	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Bath and shower rooms	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Bench and vanity tops	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin FVE 1-7 Lithofin Nanotop 1-7	Spirit Premium Seal Spirit NPS Spirit Colour Enhancer Pro
Limestone 1. Polished	External paving/ramps/stairs	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Defender CSD 50 [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Honed 3. Exfoliated 4. Blasted	Hotels, offices, public places	Soiv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Defender CSD 50 [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
5. Bush hammered 6. Sawn/split finish	Toilet facilities – public places	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Defender CSD 50 [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
r. Saultalinque	Residential living areas	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Bath and shower rooms	Solv Sealer Gold [All] Stone Sealer Gold - Green Star [All] Defender CSD 50 [All]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal

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	Construction stone	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Defender CSD 50 or SV [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin MN Stain-Stop ECO 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
Travertine 1. Polished	External paving/ramps/stairs	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Honed 3. Exfoliated 4. Blasted	Hotels, offices, public places	Soiv Sealer Gold (All) Stone Sealer Gold - Green Star [All] Intense Pro - Enhanced Colour [All]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
5. Bush hammered 6. Sawn/split finish 7. Settin/patition	Swimming pool surrounds	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Premium Consolidator
/. Saun/anuque	Residential living areas	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Bath and shower rooms	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 1-7 Lithofin StainStop PLUS 2-7 Lithofin StainStop W 2-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
Bluestone 1. Polished	External paving/ramps/stairs	Solv Sealer Gold [Ali] Defender CSD 50 or SV [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Honed 3. Exfoliated 4. Blasted	Hotels, offices, public places	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
5. Bush hammered 6. Sawn/split finish	Swimming pool surrounds	Solv Sealer Gold [Ali] Defender CSD 50 or SV [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
/. oaul/alluque	Residential living areas	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Bath and shower rooms	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Shopping centre – walkway	Solv Sealer Gold [Ali] Stone Sealer Gold - Green Star [Ali] Intense or Intense Hybrid [Ali]	Lithofin StainStop W 1-7 Lithofin MN Stain-Stop 3-7 Lithofin StainStop PLUS 1-7	Premium Seal NPS Waterbased Premium Seal
Sandstone 1. Sawn/split finish	External paving/ramps/stairs	Defender CSD 50 Defender SV or WB Solv Sealer Gold [All]	Lithofin StainStop W 6 Lithofin StainStop PLUS 6 Lithofin MN Stain-Stop 6	Spirit Premium Seal Spirit NPS Spirit Premium Consolidator
	Hotels, offices, public places	Defender CSD 50 Defender SV or WB Solv Sealer Gold [All]	Lithofin StainStop W 6 Lithofin StainStop PLUS 6 Lithofin MN Stain-Stop 6	Spirit Premium Seal Spirit NPS Spirit Premium Consolidator
	Swimming pool surrounds	Defender CSD 50 Defender SV Solv Sealer Gold [All]	Lithofin StainStop W 6 Lithofin StainStop PLUS 6 Lithofin MN Stain-Stop 6	Spirit Premium Seal Spirit NPS Spirit Premium Consolidator
	Façades / construction	Defender CSD 50 Defender SV or WB Graffiti Repel - Green Star [All]	Lithofin StainStop W 6 Lithofin MN Colour-Intensifier 6 Lithofin MN Stain-Stop 6	Spirit Premium Seal Spirit NPS Spirit Premium Consolidator
Slate 1. Sawn/split finish	External paving/ramps/stairs	Solv Sealer Gold [Ali] Stone Sealer Gold [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 6-7 Lithofin StainStop PLUS 6-7 Lithofin StainStop W 6-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
2. Satin/antique	Hotels, offices, public places	Instaseal/Instagloss Stone Sealer Gold - Green Star [All] Intense Pro - Enhanced Colour [All]	Lithofin MN Stain-Stop 6-7 Lithofin StainStop PLUS 6-7 Lithofin StainStop W 6-7	Spirit Premium Seal Spirit NPS Spirit Uni Seal
	Swimming pool surrounds	Solv Sealer Gold [Ali] Defender SV [Ali] Intense Pro - Enhanced Colour [Ali]	Lithofin MN Stain-Stop 6-7 Lithofin StainStop PLUS 6-7 Lithofin StainStop W 6-7	Spirit Premium Seal Spirit NPS Spirit Water Based Premium Seal
	Residential living areas	Instaseal/Instagloss Stone Sealer Gold - Green Star [All] Intense Pro - Enhanced Colour [All]	Lithofin MN Stain-Stop 6-7 Lithofin StainStop PLUS 6-7 Lithofin StainStop W 6-7	Spirit Premium Seal Spirit NPS Spirit Uni Seal

Spirit Sealers formula for success

pirit Sealers and Cleaners have been particularly busy of late. Even with the many day-to-day challenges of running a business over the last 2 years, the company has not lost its focus on the continual research and development of their product line. It has been, and still is all systems go for the team, with the introduction of a stone consolidator, as well as further development of their existing sealer range.

Spirit's Premium Consolidator, which hit the market at the beginning of 2022 introduces a completely new product to the range for the company.

So, why the need for a consolidating sealer?

Spirit's Premium Consolidator is designed to protect friable natural stones in harsh salt water and extremely cold freeze-thaw environments by filling the pores of the stone with a silica-gel like binder (SiO2) that increases the substrate strength. The silica-gel migrates through the treated stone over a period of 2-4 weeks filling the pores, occupying the space where salts or ice could potentially form and

cause spalling. Breathability of the treated surface is maintained, allowing water vapour transmission which prevents moisture building within the substrate. Premium Consolidator is boosted with a high-performance water-repelling sealer that protects the stone during the curing and laying process. However, if oil staining resistance is desired, a final seal should be done with Spirit Premium Seal on completion of the project. The formula has been independently laboratory tested in Australian sandstone against known competitor products in the market. It came out on top in all four categories, a notable one being 'Resistance to Salt Attack' where it achieved an AA rating. Compare that to the untreated sample that achieved a D rating, suffering from severe crumbling, and it more than validates its efficacy.

Spirit's Premium Seal has seen a significant change to the old formula. The current sealer now boasts a unique combination of three resins. Silane and siloxane resins have been added to complement the existing fluoropolymer resin, adding greater stain resistance, and better depth of penetration.



The resins are carried into the stone by a new dual component carrier that has been carefully blended with the new resins to create a high-performance sealer that is also easy to use. Over the years, when talking to professional applicators, it had become clear to Spirit that there was a demand for a versatile sealer that provided the high performance while also being user friendly at the same time. After creating literally dozens of different formulas and painstakingly testing them over multiple varying substrates, Spirit recently settled on the one that they felt ticked all the necessary boxes.

Spirit Sealers and Cleaners, a 100% Australian owned and operated company have been at the forefront of the manufacture of sealing and cleaning products for the stone and tile industry Australia wide, since 1991. Spirit believes that their great products and industry knowledge when combined with a strong emphasis on excellent customer service is their formula for success.

⊕ www.spiritsealers.com ■





Installing moisture sensitive stone

A chieving a perfect result when installing moisture sensitive stone does not have to be difficult. There are two important points, that are certain to make a big difference. In this section, we discuss the benefits of pre-sealing stone and the benefits on advancement in technology of water based penetrating sealers.

Why pre-seal?

When installing moisture sensitive natural stone such as limestone (and even some granite varieties), it is important to remember, that moisture damage is easy to prevent, but very hard to remedy after installation, if preventative measures have not been taken. When using a pre-seal to protect natural stone, be sure to check that the pre-seal contains adhesive pairing technology. Adhesive pairing technology is designed to not only work seamlessly with the polymer fortified adhesives, but actually enhances their performance.

Pre-seal is designed to inhibit the ingress of moisture particularly during the installation process. A quality pre-seal will prevent picture framing, tile warp and moisture bruising.

Supplier October/



The other function that a quality pre-seal provides, is to ensure easy grout smear clean up. Pre-seals are cost effective and easy to apply.

Water based sealers vs Solvent based sealers

Penetrating sealer technology has come a long way in the past 10 to15 years. As the construction industry continues to work toward more responsible choices in general. Specialists the world over, have been putting greater efforts into producing equal or better performance, from water-based technology

products. The market took a significant hit when the fluoropolymer regulations banned the use of long-chain technology. Since then, attention has turned to alternatives that have lower VOC content and meet criteria for green building, while still providing premium water repellent and stain repellent performance.

Modern technology, water-based, penetrating sealers are quickly showing themselves to be catching up to their solvent-based cousins. Solvent based penetrating sealers have for a long time, held the mantle of being far superior in stain prevention than water-based alternatives. However, now we see products like Actichem Stone Sealer Gold producing results on surfaces like Limestone, that are equally as impressive as the solvent based options.

When installing moisture sensitive natural stone such as limestone (and even some granite varieties), it is important to remember, that moisture damage is easy to prevent, but very hard to remedy after installation, if preventative measures have not been taken.



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Discovering Stone

The question then comes, when should I steer hard toward using a solvent based penetrating sealer and when should I use a water-based penetrating sealer? While the answer isn't exactly a hard and fast rule, we can follow some basic principals in our selection process.

A solvent based penetrating sealer is typically going to have slightly better penetration into dense stone than a water based penetrating sealer. This is important when we are trying to protect dense, polished surfaces such a benchtop or vanity. A premium solvent-based product will also typically provide longer lasting protection in harsh environments such as a pool surround or a kitchen floor. Water-based penetrating sealers are ideal for areas where there are Green Star requirements and product being applied in enclosed environments.

It is important to remember that the application at time of laying may be very different to the application at the time of conducting a scheduled top-up seal after the floor has been down for 5 years. Water-based penetrating sealers are also excellent for moisture sensitive stone such as Limestone and Granite.

When using penetrating sealers, it is helpful to give consideration to what you are trying to protect the surface from. When sealing an external stone wall or façade, we are typically only trying to protect the surface from water ingress and pollution. Remember, that all common issues with walls externally like this, are caused by moisture ingress. This being the case, you will get better protection from a quality water repellent like Defender SV, than

from a stain repellent. Alternatively, if you are sealing a stone surface in a shower or bathroom, we are trying to protect the stone from oils, soaps, shampoo and water damage. In an environment like this, a stain repellent sealer like Solv Sealer Gold or Stone Sealer Gold will give the best overall protection for the long term.

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Giving you the unique opportunity to experience a product and service that is designed and tested for Australian conditions. Furthermore you have the advantage of collaborating directly with the team that designed & formulated the solution, giving you access to industry leading technical support and problem solving.

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Sealing tips by Lithofin

ithofin was first developed by Stingel Chemie in Stuttgart, Germany in 1953. Today, Lithofin is expertly guided by grandson Garvin Stingel. Built on the two pillars - quality and service, the brand operates in more than 25 countries worldwide. Designed for both professional and end users, Lithofin has an extensive range of cleaning, protecting, maintenance, and professional problem-solving products. Together, these products form an effective three-step stone care system.

Cleaning, Sealing, and Maintaining is an essential process to help uphold the beauty of stone and tile surfaces. Lithofin's premium cleaning, sealing and maintenance products are carefully crafted to the individual properties of ceramic and porcelain tiles, external pavers, natural stone, concrete, terrazzo, and engineered stone. Using Lithofin products with the correct application method for each surface type is vital to achieving the finest results.

Cleaning

Cleaning newly installed surfaces removes all kinds of grime and dirt including grout residues, builder's dirt, and production dirt.



Cleaning returns the material to its desired finish in preparation for use or sealing.

Existing surfaces are also cleaned to remove accumulated care product residues, heavy dirt residues, grease and oil films, food matter and a variety of dirt found on internal and external surfaces. This process restores the material to its original finish or is done in preparation for re-sealing.



Sealing

Sealing polished porcelain tiles, natural stone, concrete and terrazzo materials or external pavers with an impregnating sealer enhances the materials' properties, and prevents moisture penetration from water, oil, grease, and general dirt. It does not alter the slip resistance or appearance, it allows water permeability, and facilitates ongoing maintenance.



The sealing stage of the process includes all products that work to protect the surface including impregnating sealers and topical sealants. An impregnating sealer penetrates the materials surface developing a repellence to water and oil, it works by forming a reduction to capillary absorbency in the material. Colour enhancing impregnating sealers also develop a repellence to water and oil and improve the appearance of the surface by deepening the materials natural colour using solvent-based products that mimic the active ingredients in the materials natural structure. Topical sealants work by developing a surface layer closing the materials capillaries and eliminating the original water vapor permeability. Lithofin

Discovering Stone

impregnating sealers are available with a 20-Year Written Warranty when applied by a Certified Lithofin Applicator.

Maintenance

Regular maintenance is a cleaning process to remove general dust and dirt residues while conditioning the material. Lithofin's maintenance products are designed to work for individual properties on a range of surfaces. Maintenance slightly improves the appearance of the material and prevents surface films while maintaining the benefit of the applied impregnating sealers with continued use.



Lithofin stone care system sets the standard in product quality, meeting the professionals' expectation of effectiveness as well as the end consumers' need for ease of use. To see the full range of Stone and Tile Care Products visit - www.lithofin.com.au

Certified Lithofin Applicators are trained industry professionals providing optimum stone and tile care services. If you have comprehensive experience with stone and tile sealing and are interested in becoming a Lithofin Certified Applicator you can learn more here: https://www.cdkstone.com.au/cla

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