



Sealers

Meet the Same Day Clean
and Seal Solution for all
interior and exterior
porous surfaces

sifsealers.com.au





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Why SiF Sealers?

SiF

SiF Sealers have been created right here in Australia by people in your industry. We know our products work - NOW is the time to start making extra money on every job.

- ✓ Superior quality, water based penetrative sealers developed and manufactured in Perth, Australia
- ✓ Our sealers are used by businesses Australia wide
- ✓ We stand by the quality and performance of all our penetrating sealers
- ✓ Same Day Clean and Seal
- ✓ Save Time & Money-No need to Return to job
- ✓ Team of highly experienced dedicated applicators
- ✓ We cater for professionals & DIYers
- ✓ Excellent customer service, support & advice
- ✓ Friendly team of professionals eager to help
- ✓ Request free advice online or call our helpful team
- ✓ We take pride in our brand and presentation

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"As a business owner I have switched to SiF Sealers as of a year ago. I am finding the ease of application incredibly useful. These products have cut my labour costs in half!!! Very happy to recommend SiF Sealers to fellow industry professionals."

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"SiF Sealers have revolutionised my business, cleaning and sealing in the same day has increased customer satisfaction as well as business profits. Highly recommend."

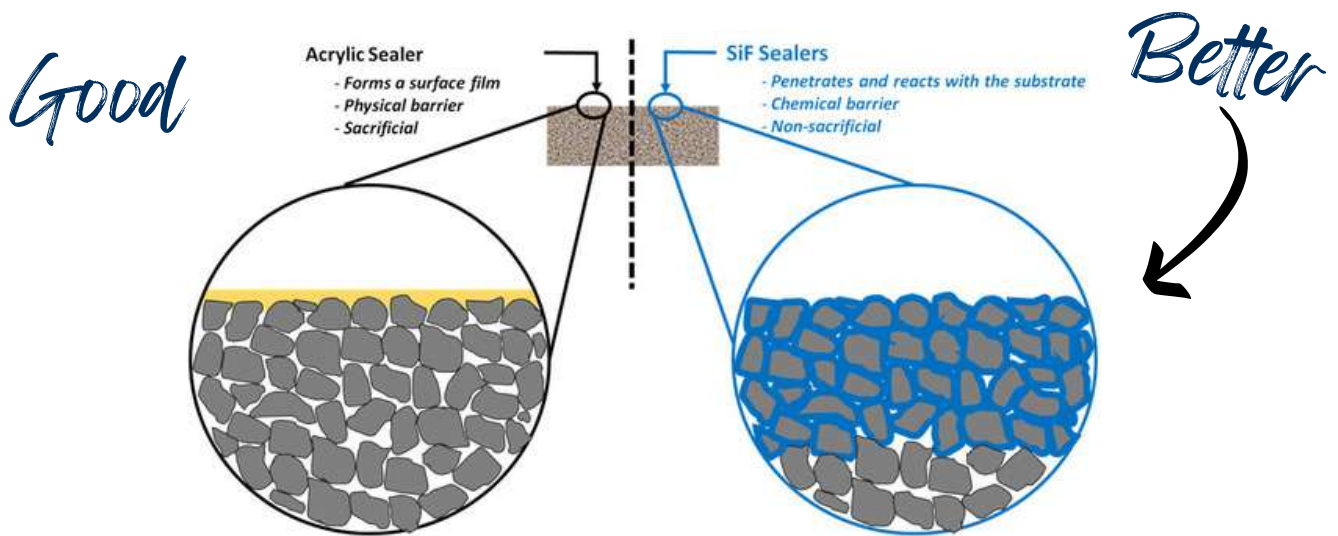


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How do our sealers work?

By penetrating DEEPER into the surface, our sealers last LONGER and perform BETTER.



SiF Sealers Will:

- ✓ Chemically change the surface properties
- ✓ Repel water (and oil)
- ✓ Reduce efflorescence
- ✓ Reduce organic growth
- ✓ Minimise chloride ion attack
- ✓ Protect surface from deterioration
- ✓ Provide stain resistance properties
- ✓ Provide long term protection
- ✓ Remain transparent

SiF Sealers Won't:

- ✗ Pop
- ✗ Crack
- ✗ Peel
- ✗ Yellow over time
- ✗ Show wear marks



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More Money on Every Job

SiF Sealers can add value to every job!

- ✓ The preparation is already complete
- ✓ You can upsell at the time of quoting or prior to beginning a job
- ✓ Sets your business apart from your competitors
- ✓ Offers more value to your customers
- ✓ Opportunity to educate your customers on the benefits of sealing
- ✓ Future maintenance/repeat business

Example 1

Job Description	Poured concrete driveway
Size of Job	100m ²
Condition of surface	Light soiling, organics, dirt and grime customer is concerned about oil from vehicles staining the surface after its been cleaned
Solution	Clean and Seal surface with Sif Sealers Fluoro Seal

Quote:

\$1200.00 for a clean and seal.

CLEAN

100m ² x \$4.00	\$400
material costs fuel & pre treatment	\$25
2 hours for job completion	

SEAL

100m ² x \$8.00	\$800
material cost of sealer	\$325
30 minutes for job completion	

For an extra 30 minutes work you have made \$475.00



More Money on Every Job

Example 2

Job Description	New red brick pavers around large home
Size of Job	300m ²
Condition of surface	New installation
Solution	Light wash and seal with Sila Seal Enhance

Quote:

\$3000.00 for a clean and seal.

CLEAN

300m ² x \$3.00	\$900
material costs fuel & pre treatment	\$50
4 hours for job completion	

SEAL

300m ² x \$7.00	\$2100
material cost of sealer	\$825
90 minutes for job completion	

For an extra 1.5 hours work you have made \$1,275.00



Spray on application is **FAST** and **COST EFFECTIVE**.

1. ASSESS THE SURFACES

Once the surface has been cleaned, sealer can be applied to a damp surface. The surface will need to be free of visible water drops or puddles. Surface needs to be touch dry prior to sealing.

2. APPLYING SEALER

Working from the furthest point, begin spraying the sealer while walking backwards. Sealer should be sprayed in an even flood coat at a rate of approximately 5m² per litre. Sealer should remain wet on the surface for at least 5 minutes. Only one flood coat is required, however if the surface is very porous, additional sealer can be applied. Avoid over spraying sealer on surrounding surfaces.

3. EXCESS SEALER

Any sealer that is still present on the surface after 10 to 12 minutes will need to be removed. This can be done by brooming out or blowing off pooling. While it is safe to walk on wet sealer, care should be taken to minimise footprints.

2.1 SEALING DENSE, SMOOTH OR NON TEXTURED SURFACES

A microfiber mop or similar is required to wipe on the sealer. A second application may be required as this process uses less sealer than spraying. The surface should be buffed or wiped dry with the mop after each application.



Choose Your Sealer



Universal Sealers



CHEMISTRY

Fluoropolymers

FUNCTION

High oil and water based stain resistance

SUBSTRATES

Natural stone, pavers decorative concrete, spray on concrete, limestone

EFFECTS

Water/oil floats on the surface



CHEMISTRY

Silanes/Siloxanes

FUNCTION

High water based stain resistance
Low oil based stain resistance

SUBSTRATES

Natural, porous stone, pavers, concrete, decorative concrete, limestone, roof tiles

EFFECTS

Excellent water beading

Enhancing Sealer



CHEMISTRY

Siloxane

FUNCTION

High water based stain resistance
Medium oil based stain resistance

SUBSTRATES

Decorative concrete, natural stone, travertine, sandstone, granite

EFFECTS

Darkening of surface, enhancing of stones, colours and grain, water beading

Cementitious Sealers



CHEMISTRY

Siliconates

FUNCTION

High water based stain resistance

SUBSTRATES

Limestone, sandstone and concrete retaining walls, commercial concrete areas

EFFECTS

Water beading



CHEMISTRY

Silicates/Siliconates

FUNCTION

Densifier, hardener, dust proofer and water repellent sealer in one

SUBSTRATES

Concrete, limestone, may cause darkening of surface

EFFECTS

Strengthens and dust proofs concrete, water beading



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Product Comparison



Densifier/Moisture Barrier



CHEMISTRY

Silicates

FUNCTION

Concrete densifier, hardener, dust proofer

SUBSTRATES

Concrete

EFFECTS

Strengthens and dust proofs concrete



CHEMISTRY

Silicates

FUNCTION

Concrete moisture barrier for impervious floor coverings

SUBSTRATES

Concrete

EFFECTS

Permanently blocks pores, hardens, dust proofs

Admixture



CHEMISTRY

Silanes/Siloxanes

FUNCTION

Concrete water proofing admixture

SUBSTRATES

Concrete, tilt panels, pavers

EFFECTS

Water beading and repellency of entire substrate

Surface Cleaner



CHEMISTRY

Water based, non-hazardous, pH neutral, biodegradable, surfactants and solvents

FUNCTION

Dirt, grime and grease remover form sealed surfaces

SUBSTRATES

All hard surfaces

EFFECTS

User safe, surface safe, sealer safe. Highly effective



Want an onsite demonstration?



Perth Softwash can provide an onsite demonstration ensuring peace of mind and showing you how to maximise your time and make money with SiF Sealers.

Visit perthsoftwash.com.au to learn more!



sifsealers.com.au

Range: Universal Sealers



Description

FluoroSeal C is a water based penetrating fluoropolymer sealer for stone, tile and masonry substrates providing superior oil and water based stain resistance.

5L Concentrate



Chemistry

Fluoropolymers

Function

High oil and water based stain resistance

Substrates

Natural stone, pavers decorative concrete, spray on concrete, limestone

Effects

Water / oil floats on the surface

KEY ADVANTAGES

- Oil and water stain resistance
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable
- Easy stain clean up
- VOC free & solvent free
- Can be applied to wet/damp surfaces

TYPICAL DATA

- Appearance: Light amber liquid
- Specific Gravity: ~1 g/ml at 20 degC
- pH value: 9-11
- Solubility in water: Complete
- Flash point: Not flammable
- Shelf life: 2 years in unopened containers under 25 degC
- Coverage Rate: 2 – 25 m²/L depending on surface porosity

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however FluoroSeal C should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply FluoroSeal C if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30 degC.
- FluoroSeal C is a concentrated sealer and should be diluted as follows prior to application.
1 Part FluoroSeal C
3 Parts Water
- A test prior to application must be performed to assess the suitability of the product.
- FluoroSeal C may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point, either in a single application or in two applications 'wet on wet'. Do not allow pooling. Pools can be spread out using a soft bristled broom or lambs wool applicator.
- Excess sealer must be removed before drying.
- Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.
- Full curing may take up to 3 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Universal Sealers



Description

20 L Ready to use

FluoroSeal is a water based penetrating fluoropolymer sealer for stone, tile and masonry substrates providing superior oil and water based stain resistance.



Chemistry

Fluoropolymers

Function

High oil and water based stain resistance

Substrates

Natural stone, pavers decorative concrete, spray on concrete, limestone

Effects

Water / oil floats on the surface

KEY ADVANTAGES

- Oil and water stain resistance
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable
- Easy stain clean up
- VOC free & solvent free
- Can be applied to wet/damp surfaces

TYPICAL DATA

- Appearance: Light amber liquid
- Specific Gravity: ~1 g/ml at 20 degC
- pH value: 9-11
- Solubility in water: Complete
- Flash point: Not flammable
- Shelf life: 2 years in unopened containers under 25 degC
- Coverage Rate: 2 – 25 m²/L depending on surface porosity

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however FluoroSeal should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply FluoroSeal if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30degC.
- FluoroSeal is ready to apply and should be mixed well before using.
- A test prior to application must be performed to assess the suitability of the product.
- FluoroSeal may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point, either in a single application or in two applications 'wet on wet'. Do not allow pooling. Pools can be spread out using a soft bristled broom or lambs wool applicator.
- Excess sealer must be removed before drying.
- Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.
- Full curing may take up to 3 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Universal Sealers



Description

SilaSeal C is a water based penetrating silane-siloxane sealer for masonry substrates that provides superior water repellence.

5L Concentrate



Chemistry

Silanes/Siloxanes

Function

High water based stain resistance
Low oil based stain resistance

Substrates

Natural, porous stone, pavers, concrete, decorative concrete, limestone, roof tiles

Effects

Excellent Water Beading

KEY ADVANTAGES APPLICATION - Read the product data sheet before use

- Water repellence
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable
- Fungal and algal resistance
- Solvent free

TYPICAL DATA

- Appearance: White, milky liquid
- Specific Gravity: ~1 g/ml at 20 degC
- pH value: 7 - 9
- Solubility in water: Dispersible
- Flash point: Not flammable
- Shelf life: 1 year in unopened containers stored under 25degC
- Coverage Rate: 2 – 25 m²/L depending on surface porosity

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however SilaSeal C should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply SilaSeal C if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30degC. If necessary, cool the surface with water prior to application. Mix well before using.
- SilaSeal C is a concentrated sealer and should be diluted as follows prior to application.
 - 1 Part SilaSeal C
 - 3 Parts Water (Add the water to the SilaSeal C)
- A test prior to application must be performed to assess the suitability of the product.
- SilaSeal C may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point in a single application. During application, care should be taken to minimise overlapping of treated areas that have already dried. If overlapping of dried, treated areas has occurred the sealer should be wiped from the surface before drying to reduce the risk of white stains.
- Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom.
- Excess sealer must be removed before drying. Risk of white stains in case of excess.
- Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.
- Full curing may take up to 7 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Universal Sealers



Description

20 L Ready to use

SilaSeal is a water based penetrating silane-siloxane sealer for masonry substrates providing superior water repellence.



Chemistry

Silanes/Siloxanes

Function

High water based stain resistance
Low oil based stain resistance

Substrates

Natural, porous stone, pavers, concrete, decorative concrete, limestone, roof tiles

Effects

Excellent Water Beading

KEY ADVANTAGES

- Water repellence
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable Fungal and algal resistance
- Solvent free

TYPICAL DATA

- Appearance: White, milky liquid
- Specific Gravity: ~1 g/ml at 20°C
- pH value: 7 - 9
- Solubility in water: Dispersible
- Flash point: Not flammable
- Shelf life: 1 year in unopened containers stored under 25°C
- Coverage Rate: 2 – 25 m²/L depending on surface porosity

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however SilaSeal should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply SilaSeal if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30°C. If necessary, cool the surface with water prior to application.
- SilaSeal is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- SilaSeal may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point in a single application. During application, care should be taken to minimise overlapping of treated areas that have already dried. If overlapping of dried, treated areas has occurred the sealer should be wiped from the surface before drying to reduce the risk of white stains.
- Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom.
- Excess sealer must be removed before drying. Risk of white stains in case of excess.
- Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.
- Full curing may take up to 7 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Enhancing Sealer



Description

Water based penetrating polysiloxane sealer that seals and enhances aggregate concrete based materials.

20 L Ready to Use



Chemistry

Siloxanes

Function

High water based stain resistance
Low oil based stain resistance

Substrates

Decorative concrete, natural stone, travertine, sandstone, granite

Effects

Excellent Water Beading

KEY ADVANTAGES

- Darkens mortar and enhances stone
- Resists water and oil based stains
- Minimises efflorescence
- UV stable
- Non-film forming, breathable
- Water based
- Low VOC
- Can be applied to damp substrates
- Re-coatable to achieve desired effect

TYPICAL DATA

- Appearance: Milky liquid
- Specific Gravity: ~1 g/ml at 20 degC
- pH value: 5 - 7
- Solubility in water: Dispersible
- Flash point: Not flammable
- Shelf life: 1 year in unopened containers under 25 degC
- Coverage Rate: 2 – 25 m²/L depending on surface porosity

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however SilaSeal Enhance should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply SilaSeal Enhance if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30 degC. If necessary, cool the surface with water prior to application.
- SilaSeal Enhance is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- SilaSeal Enhance may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer. The surface should be uniformly applied to saturation point.
- Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom. Excess sealer must be removed before drying. If applied to smooth or non textured surfaces, the surface must be wiped or buffed dry to remove excess.
- Additional coats of SilaSeal Enhance may be applied to achieve the desired effect. For recoat, the sealer can be applied as per the first coat. Ensure uniform coverage and removal of excess sealer before drying.
- Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped clean with a damp rag before the sealer dries.
- Full curing may take up to 3 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Cementitious Sealers



Description

KMSi Seal C is a water based penetrating silicate sealer for porous masonry substrates providing superior water repellence and surface protection.

5L Concentrate



Chemistry

Siliconates

Function

High water based stain resistance

Substrates

Limestone, sandstone and concrete retaining walls, commercial concrete areas

Effects

Water Beading

KEY ADVANTAGES

- Water repellence
- Resistance to water based staining
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable
- Fungal and algal resistance
- Reduces efflorescence
- VOC free

IMPORTANT NOTES

KMSi Seal C is a penetrating sealer. It bonds with substrate capillary surfaces providing a protective barrier to water and water-based stains.

The capillaries however, remain open therefore prolonged contact of stains increases the likelihood of staining. It is strongly recommended that stains should be cleaned as soon as possible to avoid possible permanency. Ease of cleaning is greatly increased with KMSi Seal C treatment. The sealer will not prevent surface etching or wearing. A slight surface darkening may occur on some substrates.

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however KMSi Seal C should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply KMSi Seal C if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30 degC.
- KMSi Seal C is a concentrated sealer and should be diluted as follows prior to application.
1 Part KMSi Seal
3 Parts Water
- A test prior to application must be performed to assess the suitability of the product.
- KMSi Seal C may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point in a single application. A second coat is not recommended and may lead to the development of white stains. Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom.
- Excess sealer must be removed before drying. Risk of white stains in case of excess.
- KMSi Seal C is alkaline and may damage other surfaces. Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be immediately wiped clean.
- Full curing may take up to 3 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Cementitious Sealers



Description

20 L Ready to use

KMSi Seal is a water based penetrating silicate sealer for porous masonry substrates providing superior water repellence and surface protection.



Chemistry

Siliconates

Function

High water based stain resistance

Substrates

Limestone, sandstone and concrete retaining walls, commercial concrete areas

Effects

Water Beading

KEY ADVANTAGES

- Water repellence
- Resistance to water based staining
- Transparent
- High wear resistance
- UV stable
- Non-film forming, breathable
- Fungal and algal resistance
- Reduces efflorescence
- VOC free

IMPORTANT NOTES

KMSi Seal is a penetrating sealer. It bonds with substrate capillary surfaces providing a protective barrier to water and water-based stains.

The capillaries however, remain open therefore prolonged contact of stains increases the likelihood of staining. It is strongly recommended that stains should be cleaned as soon as possible to avoid possible permanency. Ease of cleaning is greatly increased with KMSi Seal treatment.

The sealer will not prevent surface etching or wearing. A slight surface darkening may occur on some substrates.

APPLICATION - Read the product data sheet before use

- The surface to be treated should be clean and free of all contaminants.
- The surface can be damp or wet, however KMSi Seal should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application.
- Do not apply KMSi Seal if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30 degC.
- KMSi Seal is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- KMSi Seal may be applied using a saturated brush, roller, paint pad or a low-pressure hand sprayer.
- The surface should be impregnated to saturation point in a single application. A second coat is not recommended and may lead to the development of white stains. Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom.
- Excess sealer must be removed before drying. Risk of white stains in case of excess.
- KMSi Seal is alkaline and may damage other surfaces. Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be immediately wiped clean.
- Full curing may take up to 3 days. Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Cementitious Sealers



Description

20 L Ready to use

Si20-DS is a ready to apply, silicate-silicate based densifier, sealer, hardener and dust proofer for concrete and cementitious substrates. Si20-DS penetrates concrete and reacts to form a permanent Calcium Silicate Hydrate (CSH) structure within the pores. Treated surfaces repel water and provide protection against water based staining, are harder and stronger with a permanently reduced porosity reducing the movement of water and minimising efflorescence.



Chemistry

Silicates / Siliconates

Function

Densifier, hardener, dust-proofer and water repellent sealer

Substrates

Concrete, limestone, may cause darkening of surface

Effects

Strengthens and dust proofs concrete, water beading

KEY ADVANTAGES

- Creates a permanent stronger, hardened structure
- Repels water and provides protection against water based staining
- Surfaces are dust proofed Reduces efflorescence and water movement
- Reduces organic growth on surface Solvent and VOC free Environmentally friendly

IMPORTANT NOTES

- Si20-DS is a penetrating densifier/sealer. It reduces substrate porosity and bonds with substrate capillary surfaces. The capillaries however, remain open therefore prolonged contact of water-based stains increases the likelihood of staining. It is strongly recommended that stains should be cleaned as soon as possible to avoid permanency.
- Si20-DS may darken some substrates.

CONCRETE PREPARATION

- The surface to be treated should be clean and free of all contaminants. Contaminants may require chemical or mechanical removal for Si20-DS to penetrate the concrete pores and function effectively. Adequate porosity can be assessed by applying water droplets to the surface. If the droplets do not penetrate within 2 minutes then Si20-DS may not function properly and may be ineffective.
- The surface can be damp or wet, however Si20-DS should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application. Do not apply Si20-DS if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30degC or below 5degC - warm surfaces should be misted to cool prior to application.
- New concrete must be properly cured before application of Si20-DS.

APPLICATION

- Si20-DS is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- Si20-DS may be applied using a low-pressure hand sprayer then, if required, lightly worked into the surface using a broom or mop type applicator. Ensure even application over the entire surface to be treated. The surface should be impregnated to saturation point. Additional coats of Si20-DS may be required and must be applied wet on wet. Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom. Excess product must be removed before drying to avoid the formation of any white residue. White residue can only be removed by mechanical means such as sanding or grinding.
- Si20-DS is alkaline and may damage other surfaces. Any overspray or splashes on adjacent surfaces such as glass, metal or painted surfaces should be immediately wiped clean.
- Avoid traffic for at least 24 hours. Equipment clean up can be performed with water.

Visit our website for more information!

Range: Densifier/ Moisture Barrier



Description

Si20-D is a ready to apply, sodium silicate based densifier, hardener and dust proofer for concrete and cementitious substrates. Si20-D penetrates concrete and reacts to form a permanent Calcium Silicate Hydrate (CSH) structure within the pores. Treated surfaces are harder and stronger with a permanently reduced porosity reducing the movement of water and minimising efflorescence.

20 L Ready to use



Chemistry

Silicates

Function

Densifier, hardener and dust-proofer

Substrates

Concrete

Effects

Strengthens and dust proofs concrete, water beading

KEY ADVANTAGES

- Creates a permanent stronger, hardened structure
- Surfaces are dust proofed
- Reduces efflorescence
- Reduces water movement
- Reduces organic growth on surface
- Solvent and VOC free
- Environmentally friendly

TYPICAL DATA

- Appearance: Clear, colourless liquid
- pH: 11 – 12
- Solubility in water: Complete
- Specific Gravity: ~1.2 @ 20 degC
- Expected coverage: 3-5 m²/L on new and old concrete
- Shelf life: 1 year in unopen containers stored below 25 degC

CONCRETE PREPARATION

- The surface to be treated should be clean and free of all contaminants. Contaminants may require chemical or mechanical removal for Si20-D to penetrate the concrete pores and function effectively. Adequate porosity can be assessed by applying water droplets to the surface. If the droplets do not penetrate within 2 minutes then Si20-D may not function properly and may be ineffective.
- The surface can be damp or wet, however Si20-D should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application. Do not apply Si20-D if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30degC or below 5degC - warm surfaces should be misted to cool prior to application.
- Additional coats of Si20-D may be required (recoat time approx. 3-4 hours).
- New concrete must be properly cured before application of Si20-D.

APPLICATION

- Si20-D is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- Si20-D may be applied using a low-pressure hand sprayer then, if required, lightly worked into the surface using a broom or mop type applicator. Ensure even application over the entire surface to be treated. The surface should be impregnated to saturation point. Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom. Excess product must be removed before drying to avoid the formation of any white residue. White residue can only be removed by mechanical means such as sanding or grinding.
- Si20-D is alkaline and may damage other surfaces. Any overspray or splashes on adjacent surfaces such as glass, metal or painted surfaces should be immediately wiped clean.
- Avoid traffic for at least 24 hours. Equipment clean up can be performed with water.
- Si20-D may darken some substrates.

Visit our website for more information!

Range: Densifier/ Moisture Barrier



Description

Si20-MB is a ready to apply, silicate based moisture barrier formulation for rendering concrete impermeable to moisture. Si20-MB acts by reacting with concrete and permanently blocking concrete pores.

20 L Ready to use



Chemistry

Silicates

Function

Concrete moisture barrier for impervious floor coverings

Substrates

Concrete

Effects

Permanently blocks pores, hardens and dust proofs

KEY ADVANTAGES

- Moisture barrier for impervious coverings
- Makes concrete impermeable
- Densifies and hardens concrete, increasing tensile and compressive strength
- Solvent and VOC free
- Environmentally friendly
- Compatible with most floor covering systems

CONCRETE PREPARATION

- The surface to be treated should be clean and free of all contaminants. Contaminants may require chemical or mechanical removal for Si20-MB to penetrate the concrete pores and function effectively. Adequate porosity can be assessed by applying water droplets to the surface. If the droplets do not penetrate within 2 minutes then Si20-MB may not function properly and may be ineffective.
- The surface can be damp or wet, however Si20-MB should not be applied to a surface that has pools of water. The pools should be removed using a broom or cloth prior to application. Do not apply Si20-MB if rain is expected within 24 hours of application. Do not apply if extreme weather conditions are expected. Do not apply if surface temperatures are above 30 degC or below 5 degC - warm surfaces should be misted to cool prior to application.
- Wait a minimum of 24 hours after application of Si20-MB before application of any coverings. The surface should be cleaned to remove any laitance, efflorescence or purged contaminants and visually inspected to confirm as satisfactory (always follow coatings/coverings manufacturers surface requirements). Additional coats of Si20-MB may be required.

APPLICATION

- Si20-MB is ready to apply and should be mixed well before use.
- A test prior to application must be performed to assess the suitability of the product.
- Si20-MB may be applied by pour or using a low-pressure hand sprayer then lightly worked into the surface using a broom or mop type applicator. Ensure even application over the entire surface to be treated. The surface should be impregnated to saturation point in a single application. Do not allow pooling of sealer. Pools can be spread out using a soft bristled broom. Excess product must be removed before drying.
- Si20-MB is alkaline and may damage other surfaces. Any overspray or splashes on adjacent surfaces such as glass, metal or painted surfaces should be immediately wiped clean.
- Avoid traffic for at least 24 hours.
- Equipment clean up can be performed with water.

Visit our website for more information!

Range: Admixture



Description

SilADMIX is a silane-siloxane based water proofing admixture for pressed concrete products. The admixture provides superior water repellence throughout the entire concrete product.

20 L Ready to use



Chemistry

Silanes/Siloxanes

Function

Concrete water proofing admixture

Substrates

Concrete, tilt panels, pavers

Effects

Water beading throughout entire slab

KEY ADVANTAGES

- Significantly reduces water absorption, efflorescence and chloride ion ingress
- Provides excellent resistance to water-based staining
- Remains permanently bonded to the concrete and cannot be washed out
- UV stable, high wear resistance, long life
- Provides fungal and algal resistance
- Does not alter the concrete's appearance
- Easy to use in any existing process
- Does not leave an oily residue
- Water based, solvent free & environmentally friendly
- The degree of water resistance can be varied with addition rate

APPLICATION

It is important that the applicator performs small trials before commencing large scale batches.

Dosage:

The recommended dosage rate is 10 L SilADMIX per cubic metre of concrete. The rate however, can be varied from 5 - 15 L per cubic metre of concrete to attain the desired water repellence properties.

Addition:

SilADMIX can be added to the concrete mix without dilution and should be mixed well before use.

It is best to spray SilADMIX into the concrete mixture while blending to achieve effective coverage in the mixture. It can be added just prior to, with or after the concrete batch water.

The total amount of water added should be adjusted to account for the added SilADMIX.

TYPICAL DATA

- Appearance: Milky white liquid
- Specific Gravity: ~1 g/ml at 20degC
- pH value: 7 - 8
- Solubility in water: Dispersible
- Flash point: Not flammable
- Shelf life: 1 year in unopened containers under 25degC

Visit our website for more information!

Range: Surface Cleaner



Description

Non-hazardous, water based, neutral pH, environmentally friendly, maintenance cleaner for all sealed and unsealed surfaces.

20 L Ready to use



Chemistry

Water based, non-hazardous, pH neutral, biodegradable, surfactants and solvents

Function

Dirt, grime and grease remover

Substrates

All hard surfaces

Effects

User safe, surface safe, sealer safe. Highly effective

APPLICATION

- NPH-Cleaner should be mixed well before use.
- General Purpose Cleaning: Dilute 1:30 with water
- Lightly soiled areas: Dilute 1:10 with water
- Heavily soiled areas: Dilute 1:1, allow to dwell for 15-20 min, scrub if required then rinse off.

Visit our website for more information!



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