



SHIELDCOAT PTY LTD
Unit 2/1075 Beaudesert Rd, Archerfield Q 4108
Phone: (07) 3274 6911 Fax: (07) 3274 6414
Email: info@shieldcoat.com.au Web: www.shieldcoat.com.au

Application Method: **SHIELDSEAL X**
Resealer/primer

 **STEPS: Clear Resealing-** Used to reseal existing previously sealed concrete, pavers, stamped concrete or stencilled concrete.

Test Patch:

- Apply a small amount of **Shieldseal X** by brush over a few small and inconspicuous areas of concrete to ensure no adverse reaction by hidden contaminants such as silicone. If okay continue to next step.

Cleaning:

- Use a 5:1 mix of Shieldcoat **Mouldshield C** with water to remove grease and oil stains. Simply spread **Mouldshield C** over the concrete with a broom (use safety footwear, gloves and glasses). Allow up to at least 2 hours to work. Then by using at least a 3000 P.S.I. water blaster clean concrete and remove all residue of **Mouldshield C**. Allow to dry - preferably overnight.

Top Coats:

- Apply one coat only of **Shieldseal X** by lambs wool applicator, soft bristle broom or by airless spray to surface. Allow at least 2 hours to dry under good weather conditions.
- Allow 3 days before placing items or driving vehicles onto surface.

 **STEPS: Clear Primer-** Used to prime existing smooth concrete for **Concreshield X**, **Concreshield X 2PAC** or **Stencilshield**.

Test Patch:

- Apply a small amount of **Shieldseal X** by brush over a few small and inconspicuous areas of concrete to ensure no adverse reaction by hidden contaminants such as silicone. If okay continue to next step.

Cleaning:

- Use a 5:1 mix of Shieldcoat **Mouldshield C** with water to remove grease and oil stains. Simply spread **Mouldshield C** over the concrete with a broom (use safety footwear, gloves and glasses). Allow up to at least 2 hours to work. Then by using at least a 3000 P.S.I. water blaster clean concrete and remove all residue of **Mouldshield C**. Allow to dry - preferably overnight.

Shieldcoat is firmly committed to providing product and service of the highest quality and consistency.

Last modified on: 31/12/02

DISCLAIMER

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.



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Application Method: **SHIELDSEAL X**
Resealer/primer (Cont.)

 **STEPS: Clear Primer-**

Used to prime existing smooth concrete for **Concreshield X**, **Concreshield X 2PAC** or **Stencilshield**. (Cont)

Top Coats:

- Apply one coat of **Shieldseal X** primer by lambs wool applicator, soft bristle broom or by airless spray to surface. Allow at least 2 hours to dry under good weather conditions.

 **STEPS: Coloured Sealer-**

Shieldseal X is normally used for re-sealing driveways or as a primer for **Concreshield X**. The coloured sealer application method mentioned below is for when **Shieldseal X** is used in place of **Concreshield X**. This is when a thinner more penetrating product is required. Uses for **Shieldseal X** as a coloured sealer can be on concrete garage floors where the concrete surface is very smooth and where adhesion might be an issue if solely **Concreshield X** was used.

Test Patch:

- Apply a small amount of **Shieldseal X** by brush over a few small and inconspicuous areas of concrete to ensure no adverse reaction by hidden contaminants such as silicone. If okay continue to next step.

Cleaning:

- Use a 5:1 mix of Shieldcoat **Mouldshield C** with water to remove grease and oil stains. Simply spread **Mouldshield C** over the concrete with a broom (use safety footwear, gloves and glasses). Allow up to at least 2 hours to work. Then by using at least a 3000 P.S.I. water blaster clean concrete and remove all residue of **Mouldshield C**. Allow to dry preferably overnight.

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Application Method: **SHIELDSEAL X**
Resealer/primer (Cont.)

 **STEPS:** Coloured Sealer- (Cont.)

Top Coats:

- Apply one coat of **Shieldseal X** coloured sealer by lambs wool applicator, soft bristle broom or by airless spray to surface. Allow at least 2 hours to dry under good weather conditions.
- Apply second coat of **Shieldseal X** coloured sealer using any of the above methods. Allow to dry overnight.
- Allow at least 3 days before placing items or driving a vehicle onto the surface. If application is near a roller door and its door seal, ensure they are kept out of contact with painted surface for at least a day to minimise the chance of paint peel up.
- Surface is then ready to apply **Concreshield X**, **Concreshield X 2PAC** or **Stencilshield**.

 **NOTES:**

- If a non-slip is required:
 - A) Antislip 1-Aluminium Grit must be thrown on top of first coat before it dries. Due to its coarseness Antislip 1 is normally only recommended for use in commercial and industrial settings.
 - B) Antislip 2-Wax Bead is to be mixed into 2nd coat before applying.
 - C) Antislip 3-Silica Sand is to be mixed into 2nd coat before applying.
- Do not apply in the heat of the day. Apply either early morning or late afternoon.
- If blistering occurs dip a soft bristle broom into the solvent and broom over the surface.
- Do not apply too much solvent.
- Wear appropriate vapour mask, especially when working in confined areas.
- If applying over concrete/brick pavers some water whitening can occur. This is caused by moisture caught in paver and then the moisture is trapped behind the **Shieldseal X**. Pavers are normally best left un-sealed for this reason.
- Shieldseal X** is not recommended over smooth non-porous surfaces such as ceramic tiles as adhesion will be an issue. The recommended surfaces are concrete garage floors & driveways.
- Shieldseal X** sometimes may not be the best solution in some instances, i.e. steep driveways or paths. For more information regarding product suitability please contact your local supplier, applicator or contact technical support staff at Shieldcoat.

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Resealer/primer (Cont.)

 **NOTES:** (Cont.)

- If the concrete surface needs to be rougher for adhesion and acid treatment is to be applied instead of **Mouldshield C**, then, please follow these directions completely:
 1. Wear safety gear. Mix a ratio of 4:1 of water and Hydrochloric Acid and broom over surface. Allow time to react.
 2. Hose off all the acid once the reaction is complete. Then, mix Bicarbonate of Soda in a 20 litre bucket of water and spread over the surface to neutralise the acid.
 3. Water blast completely off with at least a 3000 p.s.i. water pressure cleaner. All acid must be removed to prevent a reaction still occurring which will prevent adhesion under the sealers to follow.
- Allow surface to dry completely, preferably over night before applying any of the sealers listed above.
- Coverage: Approx. 100 sq m per 20 L, depending on surface, conditions and application.

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