




SHIELDCOAT PTY LTD
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Application Methods: **CONCRESHIELD X 2 PAC**
Chemical resistant 2 PAC Acrylic Floor/Concrete Coating

 **STEPS: PREPARATION**

- 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.
- Using at least a 3000 P.S.I. water blaster clean concrete and remove all residue of **Mouldshield C**. Allow to dry preferably overnight.

 **STEPS: TEST PATCH FOR ADHESION**

- Ensure a test patch is completed for every job. After the cleaning steps mentioned above apply a small amount of **Concreshield X** (single pac) by brush over a few small and inconspicuous areas of concrete to ensure no adverse reaction by hidden contaminants such as silicone.
- If no adverse issues arise then, place some masking tape on the painted surface, then cut an "X" with a knife into the tape and coating. In a quick fashion, pull tape up to prove adhesion of the coating to the surface. If this is okay then continue to next step.

 **STEPS: PRIMER COAT**

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

 **STEPS: TOP COATS**

- Thoroughly mix the **Concreshield X 2 PAC** components together – Part 'A' 20Lt tin with Part 'B' 2 litre tin. Pot life after mixing is 8 hours if sealed tightly.
- Apply first coat of **Concreshield X 2 PAC** using a lamb's wool applicator, soft bristle broom or by airless spray. Allow to dry overnight.
- Apply second coat of **Concreshield X 2 PAC** using any of the above methods. Allow to dry overnight.
- Allow at least 3 days before placing furniture on or allowing vehicles to drive on surface.

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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(Cont.)

 **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 mid morning or mid 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.
- Concreshield X 2PAC** sometimes may not be the best solution in some instance, i.e. steep driveways or paths. For further information regarding product suitability, please contact your supplier, applicator or technical support staff at Shieldcoat.
- 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** clear sealer. Pavers are normally best left un-sealed for this reason.
- Concreshield X 2PAC** 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, factory floors, driveways and paths.
- 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.
 4. Allow surface to dry completely, preferably over night before applying any of the sealers listed above.

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