



**Concrete must be at least 28 days old and cured. Stencilshield is designed to go over broom finished concrete. Smooth surfaces need to be grounded or sanded to create mechanical adhesion. Acid etching is not recommended. Caution: Some new concrete can be very powdery thorough waterblasting to remove powder and ensure adhesions**

**Step 1:** Grind out cracks in concrete to a depth of 5-10 mm. Clean driveways by mixing a 5:1 solution of [Mouldshield C](#) and water (less dilution may be needed if there is a lot of oil etc on concrete surface) then broom onto driveway. When reacted with surface, then water blast off with a 3000 to 3600 p.s.i. water blaster. **Allow a day or overnight to completely dry** preventing moisture being trapped and creating blisters - adhesions problems. **Don't rush the job! Surface preparation is essential for problem free finish**



**Step 2:** Cracks are repaired by using [Slab Repair](#). [Slab Repair](#) is spread into cracks by using a spatula finishing flush and feather out edges. If cracks are large a small amount of dry cement mix sprinkled in, can assist in setting and drying faster

**Step 3: IF APPLYING OVER EXPOSED AGGREGATE** Mix thoroughly one 20 kg bag of [Aggregate Mix](#) (high Build Cement Render) with 1lt of [concrebond](#) and 1-2 lts of water. [Steel Trowel](#) 1 coat of [aggregate Mix](#) over the surface to produce a smooth finish (3-5ml build) **Note:** Application of Two coats (one thin -second thicker) achieves better results. Allow 1- 2 days to cure



**Step 4: When dry:** Apply 1 coat of [Primer Plus](#) thinly by roller (not sprayer) Roller action forces the primer into the prepared surface and promotes excellent adhesion for the next coats. Allow about 2 hour's dry time depending on weather.

**Step 5:** Then [the Base coat](#) which is squeegee applied to produce a flexible and yet tough grout coloured base that easily hides repairs to the concrete. Allow 2 hours dry time - again depending on weather, overnight may be necessary. [Stencil or tape lines will not stick if not completely dry.](#)



**Step 6:** After the **Base** has been applied and is dry The stencil pattern is laid and stuck down occasionally with Bostik Blu-Tak in corners and sides. **Stencil pattern** is overlapped at appropriate positions where the pattern repeats. Ensure **stencil** has not gaps under it, avoid kicking or moving stencil when working on it. **12mm fibre glass reinforcing tape** can be used to tape out grout lines.



**Step 7:** **Stencilshield Top Coat** is sprayed on using a fine finish tip. (high pressure thin spray- low pressure thick spray) This can be via a conventional **Hopper Gun** (SMALL TIP) or by a **Texture Sprayer** as seen in this photo. The first coat is applied lightly. Do not apply **Stencilshield Top Coat** too thick approx ½ mm thick. Allow at least 2 hours dry time.



**Step 8:** The **Second Top Coat of Stencilshield** is then applied in the same manner no more than 1/2mm thick but be more consistent and fully cover the area well. Leaving a nice even kibble effect to the entire surface. **Fleck colours** can be sprayed on the surface at this point if required.(If applied to thickly will effect dry time, can leave tyre impressions)

**Step 9:** The **stencil pattern** must be only removed the next day and discarded; if tape is not lifting off neatly more dry time is required. Can not be reused. Blu-Tak must be also removed.

**Step 10:** After overnight drying, soft broom off or use compressed air or a blower/vac to blow off any leaves or dirt from coating. Use one coat of **Covercoat W** thinly by airless sprayer 517 tip. (Too thick and whitening can occur) Do not allow drips or runs to form on surface. Vehicles are allowed 3 days after sealing. If trucks, caravans or large boats to be parked onto then wait 5 days, The longer vehicles stay off coating the better the result.

Alternatively **Concreshield X** (xylene based) can be used, applied thinly by nap roller. Initially the xylene tin this product will soften coat (Allow for up to 7 days before vehicles driving on surface)

**Make sure product is totally dry before sealing  
With Covercoat W or concreshield X**



### Coverage rate

<b>Base Coat</b>	<b>25sq mtr per 15lt</b>
<b>Top Coat</b>	<b>40 sq mtr per 15lt</b>
<b>Primer</b>	<b>120sq mtr per 15lt</b>
<b>Cover Coat W</b>	<b>150sq mtr per 15lt</b>
<b>Concreshield X</b>	<b>75sq mtr per 15lt</b>
<b>Aggregate base</b>	<b>5sq per 20kg bag</b>