



# Product Information Sheet



Sheet Number: **0047**

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## FLOORSHIELD Fleck Water Based Concrete Paint Chip System

### FLOORSHIELD Fleck

is based on a water based urethane resin. This system uses several coats of Floorshield with the addition of acrylic paint chips to provide a unique concrete coating that is sometimes referred to as 'seamless flooring'. The best features of this coating are that it is water based unlike conventional messy 2 pac epoxy systems and that Floorshield Fleck is very hard wearing.

#### General Application Guide:

1. Use a 5:1 mix of Mouldshield C with water and scrub floor with suitable broom to remove dirt, oil and grease stains.
2. Hose or water blast the surface clean.
3. When dry completely, repair cracks or holes in concrete if necessary using Slab Repair. Apply Slab Repair with a spatula into prepared cracks (see notes below). Feather compound out so crack repair is smooth.
4. Apply 1 coat on a coloured base of Floorshield using a long nap roller. Apply liberally. If surface is quite large, then it will have to be done in sections.
5. While coat is wet, and using spiked shoes, spread Floorshield paint flakes over the surface. Spread at about a 110 % ratio or in other words, cover with more than enough chips.
6. Allow up to 4 hours to dry or even overnight. Then vacuum excess flakes from surface. These can be used again if necessary. Note: use a clean vacuum bag.
7. Check if there are any bald patches. If so, then re apply by brush some Floorshield and reapply flakes in that area only.
8. When dry and you are happy, a light sand of the surface can be done using a suitable sanding pad, paper and extension pole.
9. Vacuum surface again after sanding. Note: use different bag.
10. Apply 1 coat of clear Floorshield using a nap roller over entire surface. Allow to dry for approximately 2 hours.
11. Repeating last step, apply a 2nd sealer coat of clear Floorshield.

#### Notes:

- Do not drive vehicles or place furniture or heavy objects on new surface for a period of 3 or more days.
- Provide good ventilation so the surface can properly cure.
- When surface is in use, oil or other chemical spills should be wiped up immediately and wash with water.
- Cracks can be repaired by grinding out the surface crack to a depth of approx. 5mm using an angle grinder and concrete cutting disc. Vacuum up dust before continuing.
- A 3rd coat of clear Floorshield can be applied if desired as long as the appropriate drying times between coats are followed.



#### Specifications:

(all dry times are considered at 25°C and at 50% humidity)

**Surface Dry:** 4 -5 hours

**Top Coat:** 24 hours

**Hard Dry:** 4 -5 days

**Wet Film Thickness:** depends on coats

**Dry Film Thickness:** Approx. .5 to 1mm

**Thinning:** No thinning required normally. If desired thin with water sparingly.

**Clean Up:** Clean up with water

Top Picture: Floorshield Fleck in a garage floor.

Product should be ordered as follows:  
15Lt. Floorshield W (coloured base) covers approximately 75 -100 m<sup>2</sup>  
15 Lt FloorshieldW (clear sealer) covers approximately 100 -150 m<sup>2</sup>  
1 x 5 kg pack of Floorshield paint flakes will cover approximately 40 m<sup>2</sup>.

### Features:

Unique Finish

Various Paint Chip Colours

Flexible

Easy To Apply

Reasonable Build Finish

Hard Wearing

Chemical Resistant

### Benefits:

Good Looking Easy To Clean

Attractive Finish

Allows for some substrate move-

Roller Applied Clean up in water

Approximately 1 -2 mm Build

Stands Vehicle Traffic

Easy Clean Up Of Spills

**Notes:** There are many substrates on the market. Please consult Shieldcoast for further information regarding applications not on this sheet.