

## Standard Specification for the application of Traxx Colourseal to new concrete floors

Project:  
Specification: P125  
Date: April 2020  
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### 1.0 PREAMBLE:

This specification is for the application of **Traxx Colourseal** to new concrete floor surfaces as a sealer to prevent oil and grease penetration of the floor and minimise dusting of the concrete surface.

### 2.0 SURFACE PREPARATION:

- 2.1 All new concrete surfaces shall be clean and dry. Minimum curing period will depend upon ultimate service requirements and will generally be dictated by post treatment of joints or other construction activity. Normally, at least 48 hours wet cure, followed by drying shall be allowed as a minimum cure before **Colourseal** application.
- 2.2 Unless otherwise dictated, e.g. by a requirement for patterning, or non-skid texturing, concrete shall be finished to NZS3114:1980 U2 or U3 standards with the actual class dictated by proposed end use. The surface shall not be polished by machine trowelling.

### 3.0 SURFACE PRETREATMENT:

- 3.1 The surface to be coated shall be well broomed with a coarse broom to remove all dry surface contamination. If building detritus is tightly adherent it shall be removed by mechanical means or by water blasting. Thoroughly vacuum the floor to remove all dusty residues.
- 3.2 Depending on joint design, any elastomeric joints in the floor should be filled prior to application of **Traxx Colourseal** and shall be allowed to cure sufficiently to withstand traffic before coating is begun.

### 4.0 COATING APPLICATION:

- 4.1 All surfaces to be coated shall receive a minimum of three (3) thin coats of **Traxx Colourseal** applied at a spreading rate of 10-14 sqm/litre/coat, depending on surface profile and porosity. Thin first coat up to 20% and second coat up to 10%.  
On tight concrete surfaces **Chevaline Epistix** thinned 50% is to be used as the primer
- 4.2 Application shall be by brush, soft broom or roller, depending on area and surface profile.
- 4.3 On these surfaces, some dilution of the first coat to achieve good penetration is required. We recommend thinning up to 20% with water for this coat.



- 4.4** On porous or 'open' surfaces, there may be a patchy appearance caused by uneven uptake of the sealer. In such cases a third coat of **Traxx Colourseal** will be applied to achieve an even finish.

## **5.0 SPECIFICATION NOTES:**

### **5.1 Drying:**

Although **Traxx Colourseal** quickly achieves initial dryness, the coating takes 2-3 days to achieve full hardness and should not be subjected to heavy use for 3-4 days after application is completed. Allow the first coat to dry overnight and 24 hours between 2<sup>nd</sup> and 3<sup>rd</sup> coats.

## **6.0 MAINTENANCE:**

Should the coating be damaged or subjected to very heavy wear, it may be recoated by simply cleaning the surface well, allowing it to dry and applying a further coat or coats of **Traxx Colourseal**.

## **7.0 SUGGESTED SHORT-FORM SPECIFICATIONS:**

The applied finish to (nominate areas) shall be **Traxx Colourseal** applied in a minimum of two (2) coats at approximately 12-14 sqm/litre/coat. All concrete shall be correctly finished and prepared prior to application of the coating system, all in accordance with the Manufacturer's recommendations and instructions.

**Note:** Keep a 4 litre pail in storage for touch ups to damaged areas.

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