Standard Specification for the application of Traxx NS floor coating to concrete surfaces

Project:
Specification: P106
Date: March 2020

1.0 PREAMBLE:

This specification is for the application of **Traxx NS Non-Skid** floor coating in three or four coats to sound concrete surfaces for both new and old construction.
The system provides, after appropriate joint treatment, a surface which has good durability coupled with chemical and abrasion resistance. Suitable for all light duty floors where chemical and food spillage occur and where some non-skid characteristics compatible with cleanability are required.

2.0 SURFACE PREPARATION:

2.1 Existing Floors:
Caustic wash to remove all oil, fats and grease, then acid etch and rinse or water blast to achieve a satisfactory `key' in the concrete surface. A light concrete grind may be required. Consult with Equus Industries regarding process.

2.2 New Floors:
Acid etch to give a satisfactory `key' and rinse thoroughly to ensure surface is neutralised. Where acid etching is not practical, water blast or wet sand blast to `open' the surface. A light concrete grind may be required. Consult with Equus Industries Ltd regarding process.

2.3 Where construction joints exist, saw cut to 6 mm width ready for jointing. Expansion joints should be treated appropriately to ensure appropriate sealing action can be taken. Detailed treatment of expansion joints is not included in this specification.

3.0 SURFACE PRETREATMENT:

3.1 Concrete Repair:
Areas of damage likely to be detrimental to system performance shall be made good to provide a continuous sound surface by filling with correctly mixed **Traxx Filler** or **Traxx Mortar** at least eight hours before commencing the coating process and finished to a tidy profile.

3.2 Construction Joint Filling:

.1 All saw cut or formed joints to be filled shall be clean and dry at time of filling.

.2 Mask and prime joints with one (1) coat of **Traxx Primer 1050** and allow to dry 4-6 hours.

.3 Mix and apply **Traxx Floorjoint**. Pour into joints, flush off, and remove masking as soon as initial set has occurred.

E: info@equus.nz

4.0 COATING APPLICATION:

4.1 Primer:
Apply to clean concrete surface by roller or brush, one coat of **Epistixx**, thinned as required to give adequate penetration at a spreading rate of 9- 11 sqm/litre of mix. Allow to dry overnight.

4.2 Bodycoat:
Apply by roller one (1) coat of **Traxx NS** at a spreading rate of 5-5.5 sqm/litre. Allow to dry tack free (4-18 hours depending on conditions).

4.3 Topcoat:
Apply by roller one (1) full coat of **Traxx NS** at a spreading rate of 5-5.5 sqm/litre. Allow to dry 48 hours before opening to traffic.

4.4 In areas where exposure conditions are more severe than normal, either to likely chemical spillage, or to abrasion, a second topcoat may be necessary. This shall comprise one (1) coat of **Traxx NS** applied by roller at a spreading rate of 5.0 - 5.5 sqm/litre and allowed to dry for 48 hours before opening to traffic.

5.0 SPECIFICATION NOTES:

5.1 Joints may be filled before or after coating application. If joints are filled before coating application, the coating system may be carried over the filled joints. For neatness, we would recommend filling of random saw cuts before coating and regular pattern cuts after coating.

5.2 We would recommend that a serviceable mid-range earth tone be chosen for the coating colour, as this gives the best compromise between performance and clean appearance.

5.3 Where pastel shades are necessary, and exposure to high levels of UV light are likely, it is recommended that an overcoat of one coat of **Chevaline Colourcure NS** applied by roller at 8-9 sqm/litre, is used to provide maximum weatherability.

6.0 MAINTENANCE:

This coating system has proven durability, chemical abrasion resistance, as well as non-slip performance. Should mechanical damage occur during the life of the coating, so that patching is required, then a simple abrasive cleaning and recoating process may be carried out on affected areas with little down time. Oil and grease spillage may be removed at any time with normal high detergency industrial cleaners. Abrasive cleaners should not be used for routine cleaning.

--oo0oo--

E: info@equus.nz