

## Methodology Statement

### I-3 and I-4 SPECIFICATION – WET PROCESSING AREAS – Epoxy

July 2019

#### 1.0 PREAMBLE

This specification is for the application of a minimum four (4) coat **Chevaline Epistixx** System as a long-life easy-maintenance waterproof coating system on new concrete and plaster surfaces in a high hygiene processing facility.

#### 2.0 EQUUS COATING INSTALLATION PROCEDURES for interior concrete panel surfaces

- Waterblast all concrete panels clean.
- Confirm that all panels are contaminant and release agent free before proceeding. Scrub any release agent contamination with Sugar Soap and rinse clean.
- Skim all concrete surfaces with a tight steel trowel plaster skim coat. Use Resene Multiplast Finishing Compound (FC). There is a **ZERO TOLERANCE** for pinholes or blemishes in these areas.
- Sand dry plaster and rinse with clean water to remove dust.
- Plaster concrete defects and chipped concrete with **Equus Admix Plaster** or similar approved. Consult Equus for accurate detailing procedures.
- Mask out all adjacent steel work prior to spray painting of walls. Mask down edge of steel that joins the concrete. Tape on masking film to wrap around the steel to eliminate overspray on the steel. This will not be necessary with roller or brush application.
- At floor level where the wall coatings meet the Sureshield or similar, mask a line 25 mm below the Sureshield finish line and apply the wall coatings to that point. The flooring applicator prepares this wall surface prior to Sureshield application to suit his methodology.
- Apply a **Chevaline Epistixx Primer** 40% thinned Sealer coat to all walls at about 10 m<sup>2</sup> per litre.
- Selectively apply the **Chevaline Epistixx Rapid Topcoat** (thick) product to any remaining or missed pinholes in the concrete surface. Roll on and steel trowel off over the pinholes. Allow to dry overnight.
- Apply the second coat of **Chevaline Epistixx Rapid Topcoat** at 8 m<sup>2</sup> per litre to all surfaces. Dry overnight.
- Apply the third coat of **Chevaline Epistixx Rapid Topcoat** at 8 m<sup>2</sup> per litre to all surfaces. Dry overnight.
- Apply the fourth coat of **Chevaline Epistixx Rapid Topcoat** at 8 m<sup>2</sup> per litre to all surfaces as part of **I-4 specifications** the columns will require **an extra coat** if there is a colour change.