

## Flocrete application & Important Points

### Preparation:

- Prepare concrete surface by acid washing with a mixture of hydrochloric acid and water + stiff broom (if required). Mixture of 1L acid to 10L of water.
- If you don't see the acid reacting on the surface investigate further for some form of contamination.
- You must waterblast after acid etching because the surface cement content has been degreased leaving a weak sandy matrix.
- After degreasing and washing oil stains, base coat as soon as possible. If left overnight for example, the contaminant (oil) will leech back up to the surface thus impeding the flocrete bond.
- Any areas of contamination that cannot be removed, must be bonded with liquid polymer to boost adhesive properties in these areas i.e. where flocrete cannot grow into the concrete surface.

### Crack Repairs:

- Crack repairs can hold moisture for long periods of time and if flocreted over the moisture present can alter the flocrete colour in this area. So if not completely dry, bond over the crack repair with liquid polymer when firm before flocreting.

## Application:

- The concrete surface must be dampened with water (not pooling) before application of the first flocrete coat.
- Keep air pressure low enough so as to not produce 'Dry particles'
- Spray flocrete in a circular motion of diameter 1/2M lapping over halfway into previous pass.
- Dripping or runny nose syndrome'
  - Not spraying at 90° to the concrete surface
  - Air orifice is partially blocked with material.
- Constantly clean your feet or material build-up as dry particles fall off creating a weak point if sprayed over.
- If you cannot seal flocrete the same day, leave stencil or tape in overnight. If exposed to the weather, Rain or even a heavy dew will cause the flocrete polymer to release a 'soap' which will 'white out' the colour. If this occurs, with the stencil or tape still in place, a mist coat (higher water content, high pressure) can quickly be sprayed over the top to restore true colour.

## Sealing:

- Before sealing, or preferable after 1st coat of sealer, re-cut expansion joints and up against structures to honour all expansion & contraction.
- Wait until flocrete is completely dry before sealing i.e. The colour has 'dulled off' evenly everywhere.