



Spray Instructions Using Finalcrete May 2015_r03

Spraying requires some skill but is always faster than using a trowel when applying Finalcrete;

- Spraying applications are designed to achieve a thin concrete overlay quicker, easier, and more economically than trowel for both horizontal and vertical surfaces.
- Calculate the material needed using cubic foot yield; length x width x thickness, (rule of thumb is 1 kit covers 80sqft to 100 sqft at 1/16th on the initial pass).
- Begin after power washing the surface to remove dirt and any loose debris.
- Pre-wetting shall be carried out unless otherwise specified, avoid standing water.
- Cavities shall be carefully built up using Finalcrete 1 hour before the main topcoat application.
- Using your favorite style hopper gun, either self contained unit or compressor with hopper gun, prime the gun first with a little water and spray on to surface receiving Finalcrete.
- Use air pressure settings between 50 psi and 80 psi and medium nozzle size are best suitable. This choice will affect the finish so rule of thumb is the lower the pressure and larger the nozzle orifice the more material will be used to build the top coat, and the higher the pressure and smaller the nozzle orifice a finer finish will be achieved.
- Prepare a loose slurry in a bucket using a ratio 1:2 (liquid to mix) and pour contents into a hopper gun.
- The nozzle direction and distance shall generally be maintained at 90° and 3' to the surface.
- The technique is achieved when the velocity and spraying distance are giving you maximum concrete adherence and compaction resulting in the desired finish.
- Spraying vertical surfaces should start from the bottom and continue upwards. This is to avoid spraying in rebound losses.
- Spraying horizontal surfaces should start at one end and work material from edge to centre with a smooth swing pattern to complete coverage
- Different finishes can be obtained from a smooth splatter, skid resistant to a dimpled or knock-down finish with thickness results at approximately 2-3 ml or 1/16".
- If material splatters producing a rebound effect, stiffen the slurry by adding slightly more mix.
- Best results are for cosmetic purposes or low traffic areas including decks, patios, and balconies.
- Roller finish can be applied to vertical spray applications before setting to gain a textured finish.
- Spraying twice can obtain a California knock-down finish using a trowel also can be in two tones.
- Always blend the amount of Finalcrete you'll be able to use within a half hour.