CONTENTS

OVERCRETE APPLICATION GUIDE

FOR PROFFESSIONAL USE ONLY

PREPARATION OF EXISTING SURFACES

Preparation of the concrete is extremely important to ensure good adhesion.

For aged concrete remove all contaminates such as oil and dirt etc. by scrubbing with a heavy duty cleaner, a light hydrochloric wash [10/1 parts of water to acid]. Is then recommended following by cleaning with a 3,000 psi pressure cleaner to remove all soft and all loose practicals. Kill and remove mould, mildew and lichen with an approved product. If concrete has been previously painted, this will need to be remove with a suitable paint stripper and then cleaned in accordance with directions above.

For new concrete that has been left to cure for 14 days a light acid wash followed by high pressure cleaning should be sufficient.

Cracks and damaged areas must be repaired with SV100 crack repair system but this may not always be successful on old concrete. It is advisable saw cut more expansion joints to relieve stress.

However be aware that should any movement of this existing concrete area still occur it all will probably affect the Overcrete coating. Overcrete is designed as a decorative coating and not a repair system.

PRIMING THE SURFACE

First ensure there is no surface water on the concrete, then mix the solution of one part of Overcrete activator to 3 parts of tap water. Using a soft broom apply mixed solution to the work area to act as the base coat primer. Old and porus concrete may require priming up to three times. Extra adhesion can be obtain if required by making a slurry of the activator mix and cement to a brush-able consistency then applied with a suitable broom. Any pooling of the primer must be removed by broom or squeegee and don't allow it to dry.

BASE COAT

Mix base coat by adding 3 Litres of Overcrete activator and 2 – 3 Litres of clean water into a 20 Litre clean pail and whilst mixing with an electric drill and paddle mixer, add the colour of your choice and 1 X 20 Kg of Overcrete Resurfacing Compound. Do not allow the mix to become too dry at any stage of the mixing process. Slump control may be increased by adding equal parts of activator and water or reduced by adding more powder. Prior to use

of base coat sieve and allow to stand for 2 mins. Then pour the mixture onto prepared primed area and level with hand trowel or squeegee, leaving area as smooth as possible.

Recommended thickness 1 – 2 mm. approximate coverage is 12–15 square metres per 20 Kg bag of Overcrete Powder. When base coat has hardened sufficiently, hand rub any trowel marks or non smooth areas with a carborundum stone to ensure a satisfactory final finish. Then re-cut expansion joints and clean off all dust with a blower or vacuum.

PATTERN

If applying a pattern it is preferable to leave the base coat to cure for 24 hours. Apply selected pattern using tape and stencil in readiness for top coat spraying.

TOP COAT [SRAY FINISH]

Mix material as the same method for the base coat. Consistency of the material will govern the finish. If anti-slip is required the mix will need to be of a lower slump, however a higher slump is recommended for a smoother finish with a fine texture. A lower slump with give a coarser, textured and anti-slip, finish. Straining mixed material through a sieve is always recommended. Add mixed material to a hopper gun and spray. Recommended method of 2-4 light coats with a high slump and low air pressure.

TOP COAT [SRAY & TROWEL]

First mix the material the same as the spray finish [above]. Fill the hopper gun and start spraying [as above]. Recommended thickness 1-2 mm. On the last coat, it will require a light trowelling as you go.

REMOVING THE PATTERN

Remove the pattern when the material has sufficiently dried to take foot traffic. This usually occurs after 1-2 hours. Then clean off excess dust and chips by lightly brooming or with a blower.

SEALING

OVERCRETE can be sealed the same day proving warm weather conditions have been experienced and top coats has been left to completely dry.

Apply one coat of SV21 Premium Same Day Concrete Sealer and allow to dry, then apply 2 coats of SV24 CONCRETE SEALER For high wear areas 2-3 coats of SV 40 Polyurethane Acrylic is recommended. Sealing damp or cold Overcrete is not advisable. In hot climates, sealing should be done at the coolest time of the day. For sealing application use a solvent resistant broom, roller or airless spray gun.

Ensure slip resistance meets the required standards for Local, State and Federal Authorities.

After sealing it is recommended that the sealed surface be protected from foot traffic for a minium of 12 hours, vehicle traffic for a minimum of 48 hours. The time depends on weather condition, coating thickness etc. Therefore check suitability before allowing traffic.

LIMITATIONS

Do not apply the OVERCRETE system in temperatures below 10 degrees Celsius as curing time significantly delayed. It is not advisable to apply onto very hot surfaces greater than 40 degrees Celsius as this can affect cure. Therefore under very hot conditions it is advisable to shade the prepared area.

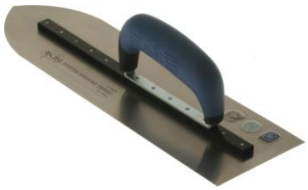
CONDITIONS OF USE & SAFETY PRECAUTIONS

Applicators must read the Technical Data and Material Safety Sheets prior to using the above products.

The Recommended Safety Equipment must be worn and precaution must be taken as these products are a Health and Safety Hazard.

On-Crete Australia Pty Ltd has no control over the use or storage of this product and therefore does not accept any liability in this regard. Any verbal advise given should not be regarded as authoritative information. This is information is subject to change without notice, therefore all applicators should ensure they current information. This product is intended for use for only skilled tradesmen and where applicable statutory licensed tradesmen, experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacture’s tolerance. The manufacture over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to the effects of such use. The manufacturer’s obligations shall be limited to replacing product proving to be defective.

APPENDIX 1 – RECOMMENDED TOOL LIST

Picture	Description	Approx Cost
	Sorbo Squeegee 22” Channel & Clamp Handle	**$61.50**
	Trowel Pointed 115 x 405mm Axis	**$32.60**
	Metal Sieve, fits 20 Litre Plastic Pail	**$93.50**
	Spear & Jackson Hopper Gun	**$198.00**
	AXIS Electric Drill 1300W	**$686.80**

APPENDIX 2 – OVERCRETE COVERAGE GUIDE

Overcrete Coat	Approximate Coverage
Base Coat	20 – 30 m^2 *per mix depending on concrete surface*
Spray Coat	10 – 15 m^2 *per mix depending on finished texture*
Seal Coat	**Approximate Coverage**
1st Coat SV21 Premium Same Day	50 – 80 m^2 *per 20 Litre drum*
2nd Coat SV24 Concrete Sealer	50 – 80 m^2 *per 20 Litre drum*

APPENDIX 3 – MIXING FORMULAS

Mix	Formula
Primer	3 Litres Water : 1 Litres Cement Activator
Base Coat	3 Litres Water : 3 Litres Cement Activator : 1Kg Colour Powder Tint : 20Kg Overcrete Resurfacing Compound
Spray Coat	3 Litres Water : 3 Litres Cement Activator : 1Kg Colour Powder Tint : 20Kg Overcrete Resurfacing Compound