

cotec

HIGH PERFORMANCE COATING SPECIFICATION



PS-E023

POOL PAINTING EQUIPMENT AND MATERIALS

INTRODUCTION:

This is a generic check list for painting pools. It is not job specific and is intended as a reminder checklist. The right equipment for the job at hand will make for a better result.

Empty Pool: Submersible Pump IB (hire) or hose for siphon and wastewater outlet from property.

Preparation:

EPOTEC Specification, TDS and QC sheets. Don't start without reading and fully understanding your process.

TRUEPREP SURFACE CLEAN

General: Brooms, rags, buckets, sponges and old towels, respirator and suitable filters.

Sandblasting: Sand/abrasive/soda blaster contractor will bring everything. Make sure the contractor takes away all residues unless you agree otherwise.

Diamond Grinder

Grinding- Sanding: Angle grinder (hire) and plenty of discs, (Flex O vit from ZEC), (P80-100 Sanding Discs), (Josco Flapper or Bluestrip) or Orbital Sander, goggles, dust masks, overalls. NB: Use dustless / vacuum sanders if available.

Water blasting: Water blaster (1500 psi for general cleaning, 5000+ psi for old paint removal) (hire), IB overalls, gloves and full-face mask or goggles. Consider Ultra High-Pressure Water blasting at about 40,000 psi, (contractor)

Acid Etching: Hydrochloric acid

Cleaner/Degreaser: TRUEPREP SURFACE CLEAN

Algaecide Treatment: Such as Lo Chlor Tropiclear / Tropical Pool Algaecide. Or TRUPREP GREEN KILL

FAIRING and FILLING:

For fibreglass pools for worn areas & Holes, Gemrez GP 2:1 and Chop Strand Matt

Epoxy grout: For concrete type pools, as needed for repairing drummy areas, holes etc:

EPOTEC EPOXY FAIRING 1:1, TROWELABLE MORTAR.

Cement based fillers: For concrete type pools, repairing drummy areas and (blow) holes etc: (must be suitable for water immersion).

EPOTEC EPOXY FAIRING 1:1 for upto 5mm

TROWELABLE MORTAR for 5mm+

EPOTEC MORTAR for Big holes

GEMBOND EPDM for control Joints.

Sealants: For moving joints, cracks NOT silicone-based sealants.

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Freedom from patent restrictions is not implied.

Application:

EPOTEC: Overalls, gloves (disposable), goggles and barrier cream (to make it easier to wash your skin)

NOTE: Appropriate shoes should be always worn and have some clean rags handy along with fresh water, soap and a towel. Wash hands before consuming any food or drinks

Mixing:

Scales for mixing any mix less than 5Kg (Part kits)

Electric hand drill and stirrer. (800 rpm) Application: Roller Trays, (a spare one) Good quality Handles and Extensions. 270 mm wide is suitable (wider makes corner work difficult) but 350mm is good for Floors. Spatula for wiping inside of cans during mixing and when loading to trays.

Brushes: 35- 50 mm, professional quality

Roller Sleeves: (e.g. Epoxy safe: Wooster Pro-dooz or Super/Fab). Use 10/13 mm nap (SPUER FAB 20 - 25 mm for Pebblecrete).

General rule: Use shorter 10mm nap for smooth and longer length nap for rougher/uneven surfaces)

ALSO Pro-dooz 110mm sleeve for corners and rolling into cutting in. Use the same nap as large sleeves to ensure consistent film build.

Premium Quality Roller cages and poles. Ensure they fit tight.

Trays: Tray liners provide a good option for rapid change outs particularly when epoxy meets the end of its pot life and a fresh mix is required.

Spray Application: Airless unit, 2500 3000 psi, 519 521 tip. Extension pole. 107 Thinner for thinning and clean up.

Masking tape: Washi Yellow or Green.

Line Marking: Texta Jumbo Liquid Chalk. Washi Yellow Tape.

Surface Temperature; Infra-Red Thermometer, from Jay car NOTE:

Cleaning Up:

Epotec 107 Thinner for cleaning mixing blades, spatulas, clean ups.

Coating:

EPOTEC NT Epoxy packs (Part A Base 4kg & Part B Hardener 1 Kg) Total 5kg in selected colour(s), EPOTEC Thinners 4 or 1 Litre cans.

SEALER for Bare surfaces except Fibreglass as per your custom COTEC paint specification.

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