

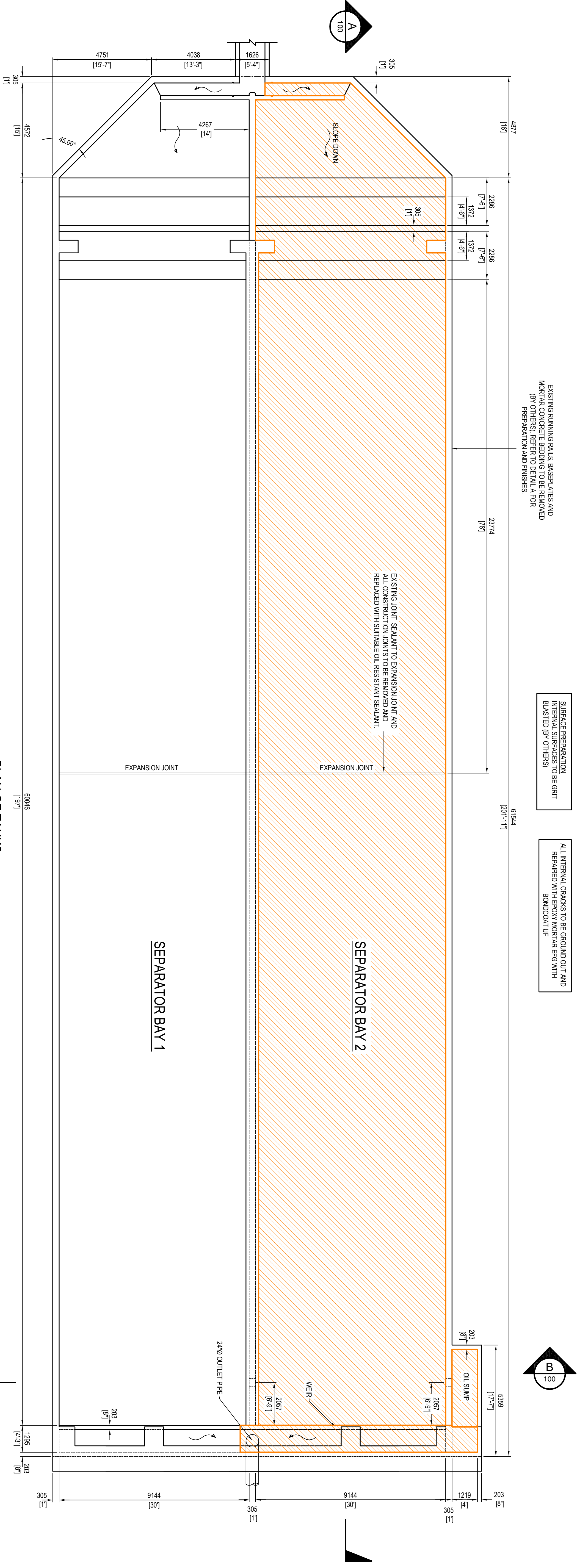
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES. ALL LEVELS ARE IN METRES.
2. DIMENSIONS ARE GIVEN FROM THIS DRAWING. USE FOURED DIMENSIONS ONLY.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE LATEST ENGINEERS' ARCHITECTS' DRAWINGS & SPECIFICATIONS.

DRAWING BASED FROM RECTEL

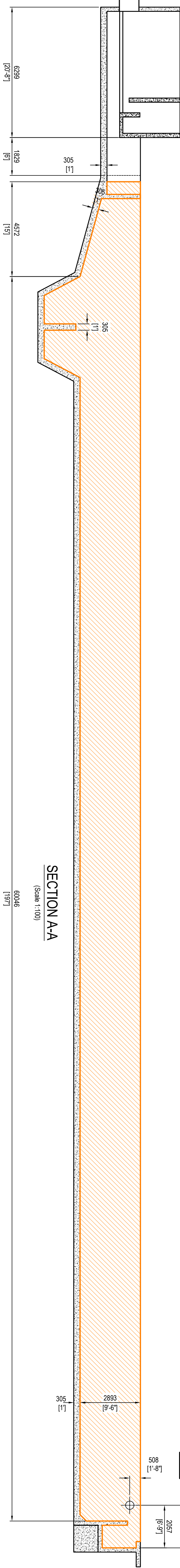
INTERNATIONAL LIMITED DRAWING

NUMBER 34-EC-5 - PROJECT 5140



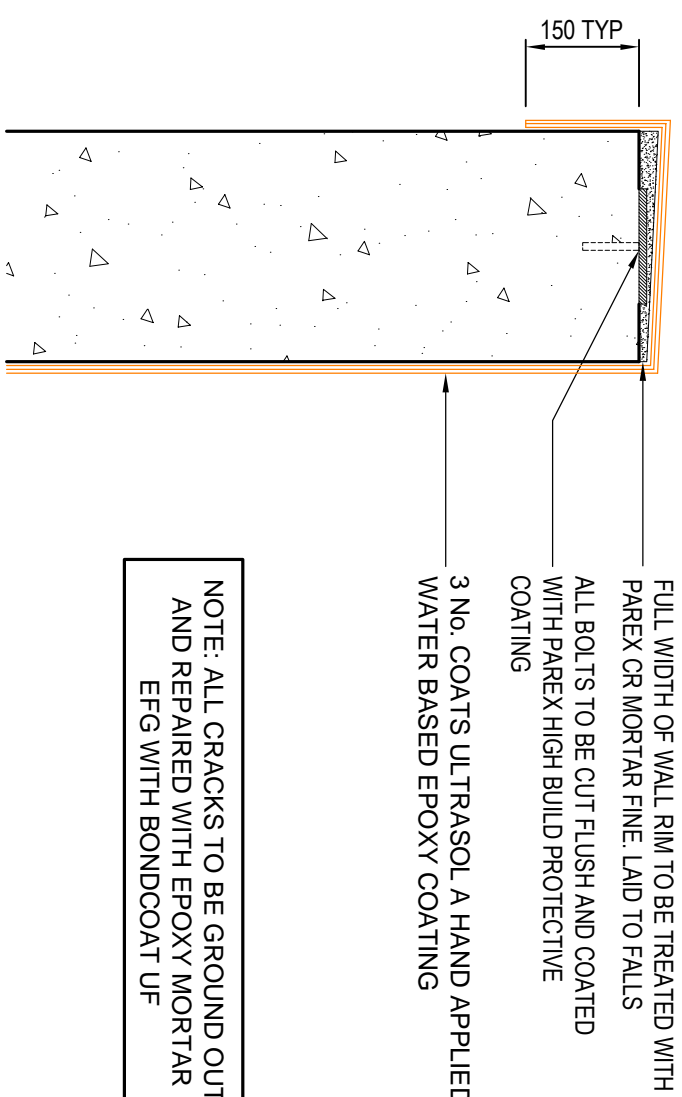
PLAN OF TANKS

(Scale 1:100)



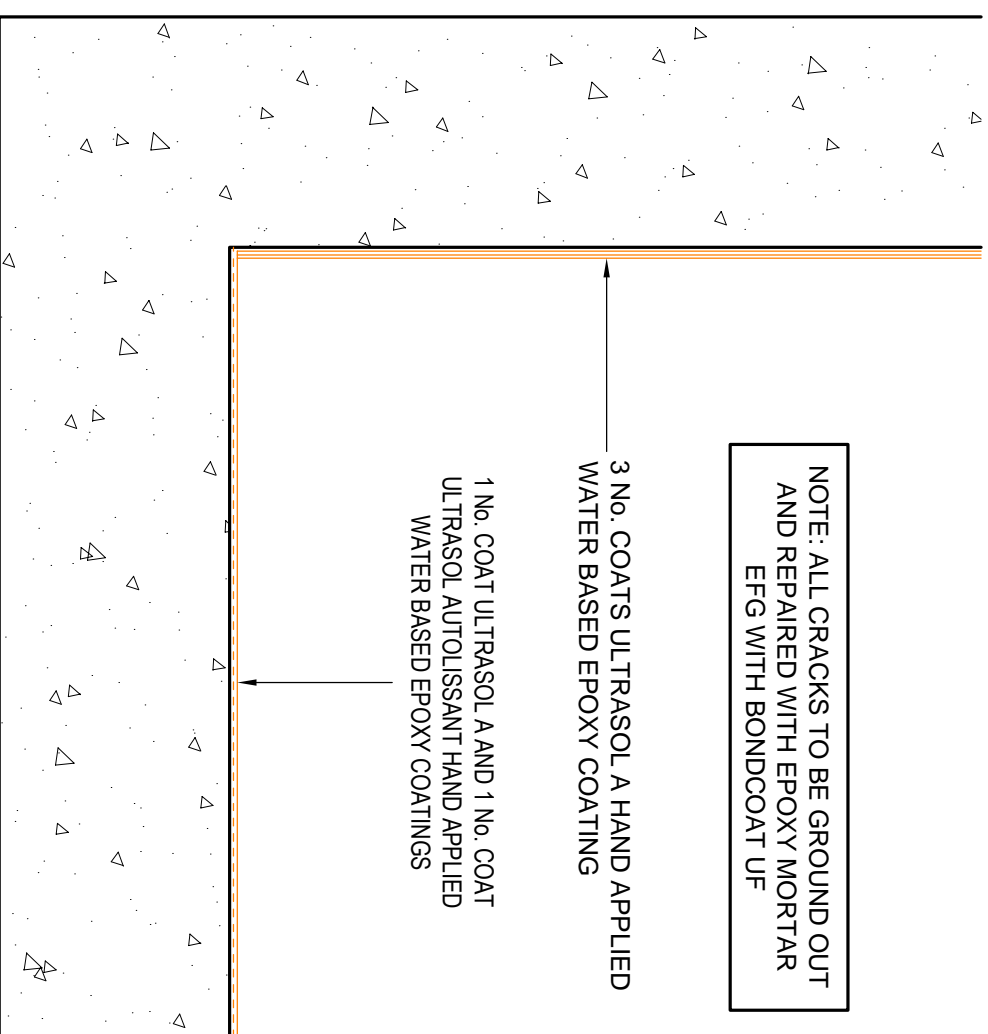
SECTION AA

(Scale 1:100)



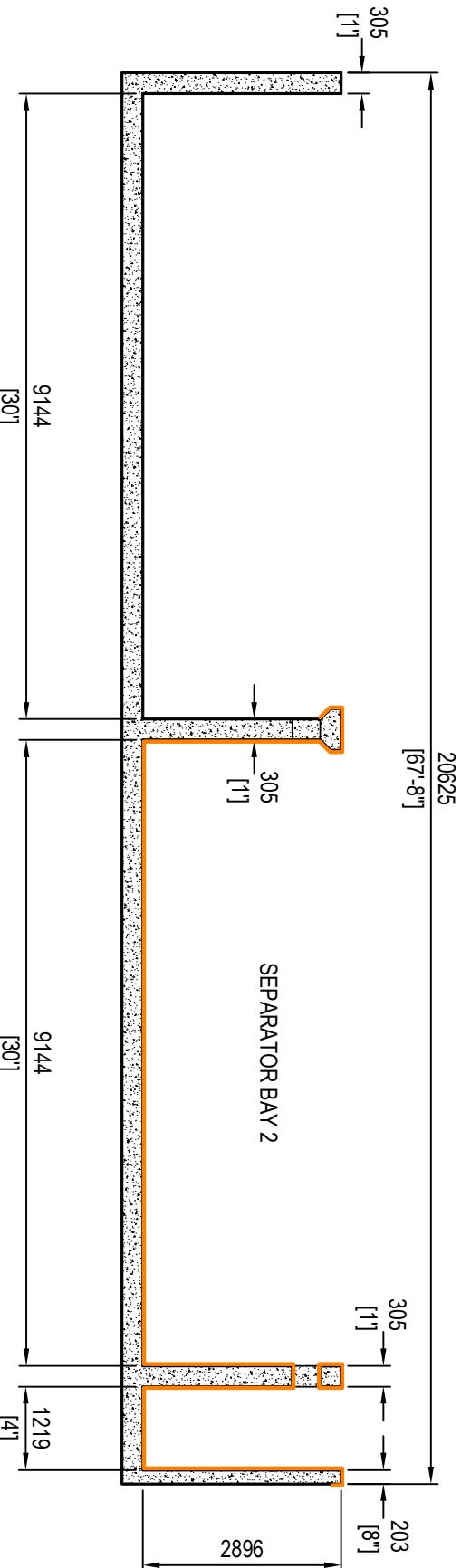
TOP OF WALL - DETAIL A

(Scale 1:100)



WALL / BASE JUNCTION DETAIL B

(Scale 1:100)



SECTION BB

(Scale 1:100)

SCOPE OF APPLICATION:

THIS SPECIFICATION AND INFORMATION COVERS WORK INVOLVING PAKEY PRODUCTS. IF AN ALTERNATIVE SYSTEM IS SOUGHT THEN APPROVAL BY THE CLIENT ENGINEER IS REQUIRED. IF THE SYSTEM IS APPROVED THEN THIS SPECIFICATION IS TO BE AMENDED TO SUIT THE NEW APPROVED SYSTEM, ENSURING THAT THE CLIENTS MINIMUM REQUIREMENTS TO EXTEND THE TANKS SERVICE LIFE IS STILL MAINTAINED TO.

SCOPE OF WORKS:

1. TO EXTEND THE SERVICE LIFE OF THE OIL SEPARATOR TANKS BY INTRODUCING APPROPRIATE SYSTEMS.
2. ALL INTERNAL SURFACES OF THE OIL SEPARATOR TANKS ARE TO BE CLEANED OF OIL BY THE CLIENT BY UTILISING GRT BLASTING TECHNIQUES.
3. THE CLIENT IS TO REMOVE THE BULK FROM THE TOP OF THE WALLS OF THE TANK AND THE BENTS ARE TO BE CUT FLUSH TO THE TOP OF THE WALLS TO REDUCE RISK OF CONTAMINATION.
4. THE TOP OF THE WALLS ARE THEN TO BE WASHED USING PAKEY CLEANING METHOD WITH A FULL TOWARD THE TANK TO REDUCE RISK OF CONTAMINATION TO THE ENVIRONMENT.
5. ANY EXISTING CRACKS LEFT AFTER GRT BLASTING CLEANING ARE TO BE GROUTED OUT AND REPAIRED USING EPOXY MORTAR EFG WITH BONDICAT UF.
6. THE INSIDE OF WALLS OF THE TANKS ARE TO RECEIVE 3 COATS OF ULTRASONIC A HAND APPLIED WATER BASED EPOXY COATINGS.
7. THE INSIDE BASE OF THE TANKS IS TO RECEIVE 1 COAT OF ULTRASONIC A HAND APPLIED ULTRASONIC WATER BASED EPOXY COATINGS.

SCHEDULE TO BE READ IN CONJUNCTION WITH PAKEY PRODUCT DATA SHEETS.

P1. PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY.

- USE: TO PROVIDE PROTECTION TO THE CONCRETE FLOORS WITHIN THE OIL SEPARATOR TANKS AND TO PROVIDE A SMOOTH PRIMER COAT TO THE FLOOR SECTION.
- SURFACE PREPARATION: ALL SURFACES SHALL BE SMOOTH, CLEAN AND FREE FROM DUST, FLAKES, OIL, PAINT, GREASE, CORROSION, PEELING, LANTHES, ORGANIC GROWTH AND ANY CLEAN WATER, LIGHT GRT BLASTING, OR A COMBINATION TO SMOOTH. ANY REMAINING DUST OR LOOSE MATERIAL SHOULD BE REMOVED BY BLOWING WITH CLEAN DRY AIR.
- PRIMER: PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY COATINGS.
- MIXING: PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY COATINGS.
- APPLICATION: PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY COATINGS.
- CURING: TYPICAL CURING TIMES AT 20°C: 24 HOURS.

P2. PAKEY ULTRASONIC A 2 PART SOLVENT FREE EPOXY COATINGS.

- USE: TO PROVIDE PROTECTION TO THE CONCRETE FLOORS WITHIN THE OIL SEPARATOR TANKS.
- SURFACE PREPARATION: TO BE APPLIED TO A CLEAN, DRY SURFACE WHICH HAS BEEN PRIMED AS DETAILED BELOW.
- PRIMER: THE PREPARED SURFACE IS TO BE PRIMED USING A SINGLE COAT OF PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY COATINGS.
- MIXING: THE PREPARED SURFACE IS TO BE PRIMED USING A SINGLE COAT OF PAKEY ULTRASONIC A 2 PART WATER BASED EPOXY COATINGS.
- APPLICATION: AS SOON AS THE MIXING IS COMPLETED, POUR THE PRODUCT ONTO THE FLOOR AND SPREAD IT UNIFORMLY TO THE DESIRED THICKNESS USING AN AULUS ROLLER. SPREAD ON A LONG HANDLE OR A TRIANGULAR TONGUE BLADE FOR EDGES. STAYS SMALL SURFACES, APPLICATION WITH A LONG ROLLER. ROLLER APPROX. 10 MINUTES AFTER APPLICATION, REPEAT IF NECESSARY A FEW MINUTES LATER. STOP WORK ON THE COATING NO MORE THAN 20 MINUTES AFTER APPLICATION (20°C).
- CURING: TYPICAL CURING TIMES AT 20°C: 24 HOURS.

P3. PAKEY CONCRETE FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR AND REPAIR THE SURFACES OF EXPOSED CONCRETE. REPAIRS IN THE PROTECTIVE STEEL, IN FLOORS, STAIRWAYS, STAIRS, THROUGHS, WALLS, COLUMNS AND BEAMS. THIS SPECIFICATION IS BASED ON THE STANDING USE SPECIFICATION, SECTION 10, EXTENDED ON REMEDIAL WORK WHERE FLOORS, WALLS, COLUMNS AND BEAMS. THIS SPECIFICATION IS BASED ON THE STANDING USE SPECIFICATION, SECTION 10, EXTENDED ON REMEDIAL WORK WHERE FLOORS, WALLS, COLUMNS AND BEAMS.
- SURFACE PREPARATION: ALL CONTACT SURFACES MUST BE SMOOTH, CLEAN AND PROVIDE A GOOD MECHANICAL KEY FOR STEEL SURFACES MUST BE GRIND TO A FINISH OF 100 MICROMETRES. ALL CONTACT SURFACES MUST BE SMOOTH, CLEAN AND PROVIDE A GOOD MECHANICAL KEY FOR STEEL SURFACES MUST BE GRIND TO A FINISH OF 100 MICROMETRES.
- PRIMER: SMOOTH CONCRETE SHOULD BE REINFORCED BEFORE EXPOSED BACK TO BRIGHT METAL. CLEANED STEEL SHOULD BE PROTECTED BY ZINC RICH PRIMER.
- MIXING: THE REINFORCED CONCRETE SURFACE AND REINFORCED STEEL SHOULD BE GRIND TO A FINISH OF 100 MICROMETRES.
- APPLICATION: THE SURFACE PRIMER SHOULD BE MIXED IN A SINGLE MIXING VESSEL USING A SLOW SPEED HIGH TORQUE TITL WITH A MORTAR STRIPPER. ENGINE MORTAR 20KG BAG 120 TO 150 LITRES OF WATER POUR THE REQUIRED QUANTITY OF WATER INTO A SINGLE MIXING VESSEL. SLOWLY ADD THE POWDER TO THE WATER MIXING CONTINUOUSLY. MIXING MECHANICAL MIXER IS RECOMMENDED. SURFACE MIXERS SHOULD BE USED TO MIX THE MIXTURE. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- CURING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

P4. PAKEY HIGH BUILD PROTECTIVE COATING EPOXY PROTECTIVE COATING.

- USE: FOR PROTECTION OF EXPOSED REINFORCING STEEL IN CONCRETE.
- SURFACE PREPARATION: ALL CONTACT SURFACES MUST BE SMOOTH, CLEAN AND PROVIDE A GOOD MECHANICAL KEY FOR STEEL SURFACES MUST BE GRIND TO A FINISH OF 100 MICROMETRES.
- PRIMER: ALL CONTACT SURFACES MUST BE SMOOTH, CLEAN AND PROVIDE A GOOD MECHANICAL KEY FOR STEEL SURFACES MUST BE GRIND TO A FINISH OF 100 MICROMETRES.
- MIXING: THE HIGH BUILD PROTECTIVE COATING BASE RESIN COMPONENT IS SUPPLIED IN A CONTAINER WHICH IS LARGE ENOUGH TO RECEIVE THE HARDENER. TORQUE TITL WITH A MORTAR STRIPPER. MIXING SHOULD BE CONTINUED FOR TWO MINUTES TO ACHIEVE A UNIFORM CONSISTENCY AND COLOUR.
- APPLICATION: APPLY THE HIGH BUILD PROTECTIVE COATING AS A SINGLE THICK COAT USING A STIFF BRISTLE BRUSH. DO NOT ATTEMPT TO BRUSH OUT THE PAVED WORK.
- CURING: TYPICAL CURING TIMES AT 20°C: 24 HOURS.

P5. PAKEY EPOXY MORTAR FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR EXISTING CRACKS IN CONCRETE. MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- SURFACE PREPARATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
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- APPLICATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- CURING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

P6. PAKEY EPOXY MORTAR FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR EXISTING CRACKS IN CONCRETE. MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- SURFACE PREPARATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- PRIMER: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- MIXING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- APPLICATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- CURING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

P7. PAKEY EPOXY MORTAR FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR EXISTING CRACKS IN CONCRETE. MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- SURFACE PREPARATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- PRIMER: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
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- CURING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

P8. PAKEY EPOXY MORTAR FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR EXISTING CRACKS IN CONCRETE. MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- SURFACE PREPARATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- PRIMER: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- MIXING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- APPLICATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- CURING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

P9. PAKEY EPOXY MORTAR FINE GROUT EPOXY MORTAR FINE GROUT.

- USE: TO REPAIR EXISTING CRACKS IN CONCRETE. MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- SURFACE PREPARATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- PRIMER: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- MIXING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- APPLICATION: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.
- CURING: TO REPAIR EXISTING CRACKS IN CONCRETE, MIXING: THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING. THE MIXTURE SHOULD BE USED WITHIN 30 MINUTES OF MIXING.

REMEDIATION WORKS

GENERAL ARRANGEMENT

REMEDIATION WORKS

REMEDIATION WORKS

REMEDIATION WORKS

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