



SAINT-GOBAIN  
CONSTRUCTION  
PRODUCTS SA (PTY) LTD

ABE - CONCRETE REPAIR





Item No		Amount
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	<u>BILL NO. [ ]</u>	
	<u>PRELIMINARIES</u>	

Bill No. 1 Preliminaries		
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Carried to Summary	R	<u>Not Priced</u>
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Item No		Quantity	Rate	Amount
	<b><u>BILL NO. [ ]</u></b>			
	<b><u>a.b.e CONCRETE REPAIR AND PROTECTION (CRP)</u></b>			
	NOTE: All products to be applied according to a.b.e. instructions - all relevant data sheets to be read for mixing instructions, pot life, overcoating times etc.			
	<b><u>CONCRETE REPAIR AND PROTECTION</u></b>			
	<u>Reinforcing Steel</u>			
1	Clean the reinforcing steel to a bright finish ensuring that all corrosion deposits are removed and apply DURAREP ZR primer to the reinforcing steel at a rate of 7m <sup>2</sup> /litre in a single continuous unbroken layer having no pin holes or pits where corrosion can start as per a.b.e. instructions	m2		Not Priced
	<u>Trowel applied repairs</u>			
2	Remove all unsound concrete to a depth of at least 25 mm behind the reinforcing steel and along the reinforcing steel until clean sound reinforcing is obtained	m3		Not Priced
3	Square cut the edge of the repair a minimum of 10 mm around the perimeter of the repair area to avoid feather edging	m		Not Priced
4	General bonding pre-wet the surface and apply a slurry made of DURAREP SP to the prepared concrete surface as per a.b.e. instructions	m2		Not Priced
5	Apply DURAREP FR structural repair mortar as per a.b.e. instructions	m3		Not Priced
	<b>OR</b>			
6	Structural bonding apply EPIDERMIX 344 wet to dry epoxy adhesive to the prepared concrete surface as per a.b.e. instructions	m2		Not Priced
	<b>Carried Forward</b>		R	Not Priced
	Bill No. 2 Concrete Repair and Protection (abe)			



	Brought Forward		R	Not Priced
7	Apply DURAREP FR structural repair mortar as per a.b.e. instructions	m2		Not Priced
	<u>Shuttered system to accommodate a fluid micro concrete</u>			
8	Remove all unsound concrete to a depth of at least 25 mm behind the reinforcing steel and along the reinforcing steel until clean sound reinforcing is obtained - repair areas are to be in excess of 50 mm	m3		Not Priced
9	Square cut the edge of the repair a minimum of 10 mm around the perimeter of the repair area to avoid feather edging	m		Not Priced
10	Shutter and apply DURAREP FMC structural micro concrete as per a.b.e. instructions	m3		Not Priced
	OR			
11	Structural bonding apply EPIDERMIX 345 wet to dry epoxy adhesive to the prepared concrete surface as per a.b.e. instructions	m2		Not Priced
12	Shutter and apply DURAREP FMC structural micro concrete as per a.b.e. instructions	m2		Not Priced
	<u>Spray Applied system to accommodate a repair mortar</u>			
13	Remove all unsound concrete to a depth of at least 25 mm behind the reinforcing steel and along the reinforcing steel until clean sound reinforcing is obtained - repair areas are to be in excess of 50 mm	m3		Not Priced
14	Square cut the edge of the repair a minimum of 10 mm around the perimeter of the repair area to avoid feather edging	m		Not Priced
15	General bonding pre-wet the surface and apply a slurry made of DURAREP GT - MCI to the prepared concrete surface as per a.b.e. instructions	m2		Not Priced
16	Apply DURAREP GT - MCI structural repair mortar with suitable spray equipment as per a.b.e. instructions	m3		Not Priced
	OR			
	Carried Forward		R	Not Priced
	Bill No. 2			
	Concrete Repair and Protection (abe)			



	<b>Brought Forward</b>		R	<b>Not Priced</b>
17	Structural bonding apply EPIDERMIX 344 wet to dry epoxy adhesive to the prepared concrete surface as per a.b.e. instructions	m2		<b>Not Priced</b>
18	Apply DURAREP GT - MCI structural repair mortar with suitable spray equipment as per a.b.e. instructions	m3		<b>Not Priced</b>
	<u>Curing</u>			
19	Cure the repaired areas using water or DURABOND GP applied at 7 m2/litre	m2		<b>Not Priced</b>
	<b><u>PROTECTIVE COATING SYSTEMS</u></b>			
	<u>Acrylic coating system</u>			
20	Clean by high pressure water cleaning the entire surface to remove all curing compound, dirt, fungal growth etc. and allow to dry	m2		<b>Not Priced</b>
21	Optionally apply MUCIS MIA 100/200 migrating corrosion inhibitor as per a.b.e. instructions	m2		<b>Not Priced</b>
22	Apply DURACOTE WB primer at a rate of 2,5 m2/litre, to the entire cleaned surface as per a.b.e. instructions	m2		<b>Not Priced</b>
23	Apply 2 coats of DURACOTE WB at a rate of 5 m2/litre/coat, to provide a WFT of 400 microns/coat - ensuring that both coats have a continuous film with no pinholes as per a.b.e. instructions	m2		<b>Not Priced</b>
	<u>Cementitious coating system</u>			
24	Clean by high pressure water cleaning the entire surface to remove all curing compound, dirt, fungal growth etc. and allow to dry	m2		<b>Not Priced</b>
25	Optionally MUCIS MIA100/200 migrating corrosion inhibitor as per a.b.e. instructions	m2		<b>Not Priced</b>
26	Apply DURASIL SH in 2 flood coats to the prepared surface as per a.b.e. instruction	m2		<b>Not Priced</b>
	<b>Carried Forward</b>		R	<b>Not Priced</b>
	Bill No. 2 Concrete Repair and Protection (abe)			



Brought Forward			R	Not Priced
	<u>Silo coating system</u>			
27	Clean by high pressure water cleaning the entire surface to remove all curing compound, dirt, fungal growth etc. and allow to dry	m2		Not Priced
28	Optional MUCIS MIA 100/200 migrating corrosion inhibitor as per a.b.e. instructions	m2		Not Priced
29	Apply SILOCOAT in 2 or 3 coats to the prepared surface at a total rate of 3 kgs/m2 as per a.b.e. instructions	m2		Not Priced
	<u>Protective coating to resist strong chemical attack</u>			
30	Clean by high pressure water cleaning the entire surface to remove all curing compound, dirt, fungal growth etc. and allow to dry	m2		Not Priced
31	Apply abecote SF 217 NOVALAC EPOXY and FIBASIL CHEMIMAT membrane as per a.b.e. instructions	m2		Not Priced
	<b>OR</b>			
32	Apply ABECOTE SF 356 coal tar and FIBASIL CHEMIMAT membrane as per a.b.e. instructions	m2		Not Priced
	<u>Protective abrasion resistant lining/screed against strong chemical attack</u>			
33	Clean by high pressure water cleaning the entire surface to remove all curing compound, dirt, fungal growth etc. and allow to dry	m2		Not Priced
34	Apply ABECOTE SF 217 NOVALAC epoxy mortar as per a.b.e. instructions	m2		Not Priced
	<b>OR</b>			
35	Apply ABECOTE SF 356 coal tar mortar as per a.b.e. instructions	m2		Not Priced
	<b>OR</b>			
36	Apply DURAREP EC three-component epoxy cement mortar as per a.b.e. instructions	m2		Not Priced
	<b>Carried to Summary</b>		R	Not Priced
	Bill No. 2			
	Concrete Repair and Protection (abe)			



**FINAL SUMMARY**

Bill No		Page No	Amount
1	Preliminaries	2	Not Priced
2	Concrete Repair and Protection (abe)	6	Not Priced
Carried to Form of Tender			R Not Priced