



SAINT-GOBAIN CONSTRUCTION PRODUCTS SA (PTY) LTD

ABE - WATERPROOFING





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
<u>BILL NO. []</u>			
<u>a.b.e WATERPROOFING</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this Bill			
<u>SUPPLEMENTARY PREAMBLES</u>			
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.			
<u>WATERPROOFING TO ROOFS, BASEMENTS, RETAINING WALLS, ETC</u>			
1. Waterproofing of roofs, basements, etc. shall be laid under a ten year guarantee by specialist applicators. Waterproofing to roofs shall be laid to even falls to outlets, etc. with necessary ridges, hips, gussets and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs.			
2. The contractor shall note that all propriety products must be applied in strict accordance with the Manufacturer's instructions, and shall allow for this in pricing.			
3. Screeded roof surfaces shall be firm, dry and clean. Corners shall be coved or arris rounded. All surfaces to receive "abedex unigum" are to be fully primed with "abe bituprime", solvent based bitumen primer.			
4. Timber boarded roof surfaces shall be dry, clean and even. All internal angles are to receive a timber traingular fillet. Corners and edges shall be arris rounded. A slip sheet of "abe 3ply malthoid", shall be clout nailed to the timber deck prior to application of "abedex unigum", torch-on membrane.			
<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
Carried Forward			Not Priced
Bill No. 2 Waterproofing (abe)			



Brought Forward			R	Not Priced
<u>"ABE BRIXEAL" - bitumen emulsion waterproof coating</u>				
Two coats "abe brixéal" bitumen emulsion waterproof coating				
1	On inner face of brick walls in linings to concrete	m2		Not Priced
2	On outer face of the inner brick wall in linings in external double or hollow brick walls.	m2		Not Priced
3	On bagged brick walls incorporating abe DURA.LATEX bonding agent (as per manufacturers instructions)	m2		Not Priced
<u>"ABE FLINKOTE 3" - bitumen emulsion waterproof coating</u>				
Two coats "abe flinkote 3" bitumen emulsion waterproof coating				
4	On inner face of brick walls in linings to concrete	m2		Not Priced
5	On outer face of the inner brick wall in linings in external double or hollow brick walls	m2		Not Priced
6	On bagged brick walls incorporating abe DURA.LATEX bonding agent (as per manufacturers instructions).	m2		Not Priced
<u>"ABE DURASIL SH" - silane/siloxane treatment for exterior face brick walls</u>				
"abe durasil SH" - silane/siloxane applied in 2 flood coats to exterior face brick walls at a rate of (refer to manufacturer's instructions)				
7	On outer face of face brick walls.	m2		Not Priced
8	On concrete	m2		Not Priced
<u>"ABE DURAPROOF CEMBLOCK " - Cement plaster waterproofing additive</u>				
"abe dura.proof cemblock" waterproofing additive applied at a consumption rate (refer to manufacturer's instructions) cement using a 1:5 cement/sand mix applied at 20mm thick onto the prepared substrate, steel troweled on brickwork or concrete (as per engineers recommendations).'				
Carried Forward			R	Not Priced
Bill No. 2 Waterproofing (abe)				



	Brought Forward		R	Not Priced
9	20mm Thick on walls and floors	m2		Not Priced
	<u>FLAT ROOFS AND PARAPET WALLS</u>			
	<u>"ABEDEX UNIGUM" - 4mm Torchon waterproofing system</u>			
	"abedex Unigum" single layer 4mm dual torchon waterproofing system applied by 'torchfusion' fully bonded to primed surface with 100mm side laps and 150mm end laps, including Bitu.prime primer, flashings, gussets, etc., to receive paint (elsewhere measured). All screeds to falls as specified by the engineer/architect but must be a minimum of 1:80 leading to outlets. Mortar fillets or coves to be provided			
10	Apply a 300mm gusset using abedex Unigum 4mm applied by heat fusion, fully bonded to primed surface	m		Not Priced
11	On flat roofs.	m2		Not Priced
12	On Parapet walls	m2		Not Priced
13	Apply super Laykold bandage saturated with 200mm abe membrane for flashings, to receive Silvakote (measured elsewhere)	m		Not Priced
14	Apply super Laycryl bandage saturated with 200mm abe membrane for flashings	m		Not Priced
15	Apply abe Duraflex bandage saturated 200mm ecofelt membrane for flashings	m		Not Priced
	<u>FLAT ROOFS TO RECEIVE STONE BALLASTS</u>			
	<u>"ABEDEX UNIGUM" - 4mm Torchon waterproofing system</u>			
	"abedex Unigum" 4mm dual torchon waterproofing system applied by 'torchfusion' with 100mm side laps and 150mm end laps, including Bitu.prime primer, flashings, gussets, etc. laid under a ten-year guarantee inclusive of protection layer. All screeds to falls as specified by the engineer/architect but must be a minimum of 1:80 leading to outlets. Mortar fillets or coves to be provided			
16	Apply a 300mm gusset using abedex Unigum 4mm	m		Not Priced
	Carried Forward		R	Not Priced
	Bill No. 2 Waterproofing (abe)			



	Brought Forward		R	Not Priced
17	On flat roofs.	m2		Not Priced
18	Apply Matlroid 5 ply slip sheet loose laid over the primary waterproofing before laying of stone ballasts	m2		Not Priced
	<u>PARKING DECKS AND TRAFFICKED ROOFS</u>			
	<u>"ABEDEX UNIGUM" 3mm, and "ABEDEX AT" - 4mm Torchon double layer waterproofing system with 40mm compacted Pre-Mix Asphalt</u>			
	"abedex Unigum 3mm" and "abedex AT asphalt tolerant 4mm", double layer dual torchon waterproofing system sealed by 'torchfusion' with 100mm side laps and 150mm end laps, including primer, flashings, gussets, etc. laid under a ten-year guarantee, to receive 40mm Pre-Mix hot Asphalt directly onto the waterproofing membrane (elsewhere measured):			
19	On flat roofs.	m2		Not Priced
	<u>WATERPROOFING OF A BOARDED ROOF</u>			
	<u>"ABEDEX UNIGUM 3mm" & "ABEDEX UNIGUM 4mm" for a boarded roofing system</u>			
	Apply abedex Unigum 3mm with 100mm side laps & 150mm end laps mechanically anchored with washes & clout nails every 300mm centres to boarded roof & thereafter to receive Abedex Unigum 4mm applied by heat fusion working on 100mm sidelaps & 150mm endlaps staggered over joints to receive Silvakote (elsewhere measured)			
20	On boarded roofs	m2		Not Priced
	<u>FLAT ROOFS FOR ROOF GARDEN</u>			
	<u>"ABEDEX UNIGUM 3mm" and "ABEDEX AR ANTIROOTS" - horticultural grade waterproofing and "abe abedrain" with Bidum Geotextile Membrane - drainage protection membrane</u>			
	"abedex Unigum 3mm" and "abedex AR antirroots", double layer torchon waterproofing system, including "abe abedrain" with Bidum Geotextile HDPE protection and drainage membrane, and including primer, flashings, gussets, etc. laid under a ten year guarantee.			
	Carried Forward		R	Not Priced
	Bill No. 2 Waterproofing (abe)			



	Brought Forward		R	Not Priced
21	On flat roofs.	m2		Not Priced
22	On vertical waterproofing to walls, etc.	m2		Not Priced
23	On bottom and sides of planters	m2		Not Priced
24	Additional membrane 150mm girth at internal and externa; corners	m		Not Priced
	<u>WATERPROOFING TO RETAINING WALLS</u>			
	<u>"ABEDEX UNIGUM 3mm" and "ABEDEX AR ANTIROOTS" - horticultural grade waterproofing and "abe abedrain" with Bidum Geotextile Membrane - drainage protection membrane</u>			
	"abedex Unigum 3mm" and "abedex AR antiroots", double layer torchon waterproofing system, including "abe abedrain" with Bidum Geotextile Membrane HDPE protection and drainage membrane, and including primer, flashings, gussets, etc.			
25	On bottoms and sides of concrete footing	m2		Not Priced
26	On back of concrete retaining walls.	m2		Not Priced
27	Apply Super Laycryn bandage saturated with 200mm abe membrane for flashings.	m		Not Priced
28	Apply "abe abedrain" to retaining walls	m2		Not Priced
	<u>"ABEDEX AR ANTIROOTS" horticultural grade waterproofing and abe abedrain with Bidim Geotextile Membrane - drainage protection membrane</u>			
	"abedex AR antiroots", single layer torchon waterproofing system, fully bonded to primed surface, including "abe abedrain with Bidim Geotextile Membrane" HDPE protection and drainage membrane and including primer, flashings, gussets, etc.			
29	On bottom and sides of concrete footing	m2		Not Priced
30	On back of concrete retaining walls	m2		Not Priced
31	Apply Super Laycryn bandage saturated with 200mm abe membrane for flashings	m		Not Priced
	Carried Forward		R	Not Priced
	Bill No. 2 Waterproofing (abe)			



Brought Forward			R	Not Priced
<u>WATERPROOFING TO INSULATED FLAT ROOFS</u>				
<u>Waterproofing to an inverted Insulated Protected Screeded Roof - Double Layer incl. stone ballasts</u>				
"abedex Unigum 3mm" and "abedex Unigum 4mm" double layer dual torchon waterproofing system, fully bonded to primed surface, including Bitu.primed primer, flashings, gussets, etc. to receive insulation followed by Malthoid 5ply protection layer prior to adding stone ballasts.				
32	On flat roofs	m2		Not Priced
<u>WATERPROOFING TO FLAT ROOFS USING MINERAL CHIP</u>				
<u>"ABEDEX UNIGUM 3mm" with "ABEDEX UNIGUM 4.5kg M.S" protection</u>				
"abedex Unigum 3mm" and "abedex M.S 4.5kg" double layer torchon waterproofing system, including Bitu.prime primer, flashings, gussets, etc. fully bonded o primed surface. All screeds to falls as specified by the engineer/architect but must be a minimum of 1:80 leading to outlets. Mortar fillets or coves to be provided by the contractor.				
33	Apply a 300mm gusset using abedex Unigum 4mm	m		Not Priced
34	On Flat roofs	m2		Not Priced
35	On vertical waterproofing to walls, etc.	m2		Not Priced
36	Apply Super Laycryn bandage saturated with 200mm abe membrane for flashings.	m		Not Priced
<u>WATERPROOFING OF BALCONIES, CHANNELS, SLABS, SHOWERS ETC.</u>				
<u>"ABE DURAFLEX" - cementitious waterproofing system</u>				
"abe duraflex" cementitious waterproofing system applied in two coats at a total rate of 4kg/m2 to prepared surfaces, with and including "abe ecofelt" membrane working on 100mm side laps & 100mm end laps.				
Carried Forward			R	Not Priced
Bill No. 2 Waterproofing (abe)				



	Brought Forward		R	Not Priced
37	On shower walls	m2		Not Priced
38	On shower floors	m2		Not Priced
39	Extra over for including 200mm wide "abe ecofelt" membrane into corners	m2		Not Priced
40	On Flat roofs	m2		Not Priced
41	On tops and sides of inverted beams	m2		Not Priced
42	Vertically against smooth concrete walls, etc.	m2		Not Priced
43	Sealing edges to brickwork or concrete	m2		Not Priced
44	Extra over waterproofing for "abe ecofelt" membrane at 100mm dia. Outlet.	m2		Not Priced
45	Extra over waterproofing for "abe ecofelt" membrane at 200mm girth at internal and external angles	m2		Not Priced
46	Sealed to concrete slabs under screeded floor finish	m2		Not Priced
47	Sealed to top, bottom and sides of balconies channels, slabs, etc	m2		Not Priced
48	On beams.	m2		Not Priced
<u>WATERPROOFING OF CONCRETE SWIMMING POOLS (TO RECEIVE TILES)</u>				
<u>"ABE DURA.PROOF HYDROKOTE" - cementitious waterproofing system</u>				
"abe dura.proof hydrokote" cementitious waterproofing system applied in two coats at a total rate of 4kg/m2 to prepared surfaces, with and including "abe ecofelt" working on 100mm side laps & 100mm end laps to receive tiles (elsewhere measure).				
49	On walls	m2		Not Priced
50	On floors	m2		Not Priced
51	Extra over for including 200mm wide "abe ecofelt" membrane into corners	m2		Not Priced
Carried Forward				Not Priced
Bill No. 2 Waterproofing (abe)				



Brought Forward			R	Not Priced
<u>NON TRAFFICABLE FLAT ROOFS, CANTILEVERS, ETC</u>				
<u>"ABE.PROOF" Liquid Membrane System - Solvent based waterproofing rubber</u>				
"abe.proof" Liquid Membrane System (Solvent based waterproofing rubber) to all screeds and to falls as specified by the engineer/architect but must be a minimum of 1:80 leading to outlets				
52	Apply abe.proof Liquid primer working at 6.5m ² /lt onto the prepared substrate & allow to flash off.	m ²		Not Priced
53	Apply abe.proof Liquid Membrane in 2 x coats at 1.66m ² /lt/coat onto the prepared substrate working on roughly +/- 4hrs between each coat	m ²		Not Priced
54	Apply abe Silvakote Eco working on +/- 4 - 6m ² /lt/coat (2 x coats required) at +/-8hrs between each coat.	m ²		Not Priced
<u>"ABE.PROOF PU Eco System" - Polyuethane based waterproofing system</u>				
55	Apply abe.proof Acrylic Primer onto the prepared substrate working on 8 - 10 m ² /lt	m ²		Not Priced
56	Apply abe.proof PU Eco onto the prepared substrate working on minimum 600 microns DFT (comes in Grey & White only).	m ²		Not Priced
<u>FLASHINGS</u>				
Waterproofing flashings, pipes, drains, etc.				
<u>"ABE SUPER LAYCRYL" - acrylic waterproofing system.</u>				
"abe super laycryl" acrylic waterproofing system applied to prepared surfaces, with and including "abe membrane", priming, etc.				
57	Bandage flashing 200mm wide sealed to gutter and brick wall	m		Not Priced
58	Bandage flashing 250mm wide sealed to clay tile and brick wall	m		Not Priced
59	In flashing strip 200mm wide between roofing elements.	m		Not Priced
Carried Forward			R	Not Priced
Bill No. 2 Waterproofing (abe)				



Brought Forward		R	Not Priced
Around pipes and fittings extending 150mm over pipe and existing flat roof waterproofing	No		Not Priced
Extending 300mm girth around and dressed into drainage points	No		Not Priced
In flashing strip 200mm wide between roofing elements	m		Not Priced
<u>PROTECTIVE ROOFING PAINT</u>			
Two coats "ABE SILVAKOTE" bituminous aluminium paint:			
On waterproofing to roofs	m2		Not Priced
On waterproofing to boarded roofs	m2		Not Priced
Carried to Summary		R	Not Priced
Bill No. 2 Waterproofing (abe)			



FINAL SUMMARY				Amount
Bill No		Page No		
1	Preliminaries	2		Not Priced
2	Waterproofing (abe)	11		Not Priced
Carried to Form of Tender			R	Not Priced