

# Bill Items

Schedule: BRYNSIERFEL SCHOOL, LLANELLI  
 Bill: KALZIP ROOF CLADDING

Item	Description	Quantity	Unit	Gross Rate	Gross Total
	<p><b><u>KALZIP ROOF CLADDING SYSTEM COMPRISING OF THE FOLLOWING COMPONENTS:</u></b></p> <p><b>Topsheet : 65/400, 0.9mm thick Plain Stucco Embossed</b></p> <p><b>Liner : TR35/200S profile, in 0.7mm thick with bright white to underside of sheet</b></p> <p><b>Insulation : Plus 40 Glass fibre, 2 layers @ 110mm thick to achieve a 0.18 Uvalue</b></p> <p><b>Vapour Control Layer : 250 Micron Clear VCL</b></p> <p><b>Halter Clips : E180 Clip fixed to purlins through liner sheet</b></p>				
A		1257	m2	0.00	0.00
	<p><b><u>Kingspan KS1000TS composite roof panel consisting of the following: Kingspan XL Forte finish on a 0.5mm thick Galfan metal with 100mm thick Ecosafe LPCB Approved Insulation bonded to a 0.4mm thick bright White Polyester coated steel liner</u></b></p>				
B	Laid on 15 degree pitch and fixed to purlins - Tilles & Batons by others	847	m2	0.00	0.00
	<p><b>Forming hole and installing Soakers to rooflights to GL 8-5 (rooflights by others)</b></p>				
C	5166mm x 1466mm	5	no	0.00	0.00
D	6206mm x 1466mm	1	no	0.00	0.00
E	3086mm x 1046mm (Includes pitched upstand due to roof pitch being less than 15 degrees needed for Velux Rooflights)	1	no	0.00	0.00
	<p><b><u>Protan Flat Roofing system, consisting of the following</u></b></p>				
F	Protan SE 1.2mm thick Dark Grey Anti Slip membrane, with Kingspan TR26 insulation and VB50 VCL mechanically fixed to a Corus D46 decking sheet. Cost also includes for perimeter upstands and accessories/corners and membrane around penetrations	224	m2	0.00	0.00
	<p><b><u>Site Welding Works - To Kalzip Roof</u></b></p>				
G	Cost for Rake cutting & Site welding. (The welding area may seem high. The actual Linear metre area is to be multiplied by 1.5 to give a weld measure)	224	m	0.00	0.00
H	Cost for 95mm thick Hardrock Insulation	168	m	0.00	0.00
I	Cost for 105mm thick Hardcok Insulation	168	m	0.00	0.00
J	Welding, forming hole and Hardrock Insulation to Sunpipes 530mm dia (Pipes by MCS)	6	m	0.00	0.00
K	Welding, forming hole and Hardrock Insulation to Vents (Vents by others)	5	m	0.00	0.00
	To Collection £				0.00

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	<b><u>Single skin canopy along GL 2 running to GL L. Single skin Rooflight by Brett Martin, Marlon CS, 2mm thick clear, Polycarbonate</u></b>				
A	32/1000 profiled Supply and installation	149	m2	0.00	0.00
B	Single skin gutter 250mm girth, incl outlets	41	m	0.00	0.00
C	Metal downpipe, 76mm girth	29	m	0.00	0.00
	<b><u>Safety line to Kalzip roof, including all fixed posts - Does not include mansafe line to Tiled roof</u></b>				
D	Supply and installation	143	m	0.00	0.00
	<b><u>Flashing to Kalzip system, also includes the Kalzip standard details, flashings made in PPC Aluminium</u></b>				
E	Bullnose Eaves flashing - Including Kalzip standard eaves detail to these areas and all necessary secondary steelwork (3mm thick PPC Aluminium)	112	m	0.00	0.00
F	Eaves flashing including Standard Kalzip eaves detail to front of canopies where bullnose not being used	24	m	0.00	0.00
G	Bullnose Mono Ridge flashing - Including Kalzip standard ridge detail to these areas and all necessary secondary steelwork (3mm thick PPC Aluminium)	39	m	0.00	0.00
H	Verge Flashing to Kalzip roof as Dwg No G2497/L(0) 235 E including Kalzip standard verge detail - 1185mm girth (2mm thick)	178	m	0.00	0.00
I	Verge Plywood support to Detail 10-10 D	24	m	0.00	0.00
J	Soffit planks through out, made from 2mm thick PPC Aluminium	232	m2	0.00	0.00
K	Cill/Apron flashing to base of parapet cladding Detail 10-10	24	m	0.00	0.00
L	Abutment flashing to render / Cladding off of Kalzip roof	1	m	0.00	0.00
M	Soffit flashing closure to render/Cladding	211	m	0.00	0.00
N	<b><u>Loose insulation laid in purlins behind our Kingspan panels as shown in detail 2-2B on Dwg G2497/A(2)200 REV B, to these areas only</u></b>	312	m	0.00	0.00
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Item	Description	Quantity	Unit	Gross Rate	Gross Total
	<b><u>Rainwater Goods</u></b>				
	<b>Single skin membrane lined gutter with Alkor Renolit, made in plain galv steel supported on 6mm thick brackets, fixed to steel eaves beam (1045mm girth). Please note we have only allowed for gutters to Kalzip roof, the Tile roof is by others</b>				
A	Supply and installation	93	m	0.00	0.00
B	Gutter to flat roof, including outlets	32	m	0.00	0.00
C	Stopends	22	No	0.00	0.00
D	Outlets	33	No	0.00	0.00
	<b>2mm thick Aluminium downpipes, PPC to suit Render/cladding colour</b>				
E	150mm dia	87	m	0.00	0.00
F	Swannecks	33	No	0.00	0.00
G	Access pipe	33	No	0.00	0.00
H	Drain connector	33	No	0.00	0.00
	<b><u>Kingspan KS600/900FL composite roof panel consisting of the following: Kingspan XL Forte finish on a 0.5mm thick Galfan metal with 100mm thick Ecosafe LPCB Approved Insulation bonded to a 0.4mm thick bright White Polyester coated steel liner</u></b>				
I	Fixed to purlins (by others) 600mm Module	138	m2	0.00	0.00
J	Fixed to purlins (by others) 900mm Module	192	m2	0.00	0.00
K	Rake/square cutting & waste to Kingspan sheet	39	m	0.00	0.00
	<b>Flashings to MR cladding in plastisol (200 microns finish)</b>				
L	Option A Top Hats and Inserts	82	m	0.00	0.00
M	Cill / Abutment to curtain walling	126	m	0.00	0.00
N	Corners / Preformed to match MR cladding panel	16	No	0.00	0.00
O	Window cill / head flashing, including soffit	87	m	0.00	0.00
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	<b><u>Attendance / Preliminaries</u></b>				
A	Crane	4	days	0.00	0.00
B	Scissor Hoist ( 2 no )	10	wks	0.00	0.00
C	Diesel & Bowser	12	wks	0.00	0.00
D	Secure Storage/Office	12	wks	0.00	0.00
E	Haki Towers - to Kalzip roof, flat roof and tiled roof	5	No	0.00	0.00
F	Safety Netting - to kalzip roof, flat roof and tiled roof. If rope access is required then please add £3.80/m2 to this rate	2422	m2	0.00	0.00
G	Edge protection - To Kalzip roof, flat roof. Kier to provide edge protection to Tiled roof	397	m	0.00	0.00
H	Design / O&M Manuals	1	Item	0.00	0.00
	<b>To Collection £</b>				<b>0.00</b>

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Page No.	Gross
1/1	0.00
1/2	0.00
1/3	0.00
1/4	0.00
To Summary £	0.00