



A Case Study

Welfare Cabin Base





Why use EcoGrid Base?

Quick Installation

½ day setup, ½ day removal from site saving time over the 6-7 day process of casting and later breaking and removing from site traditional concrete bases

Carbon neutral

saving 1.66t of carbon produced for each tone of concrete.

100% Recyclable

Zero landfill – Redundant concrete

Health and safety

Easy to handle and position.

No HAVS (breaking concrete at the end of the job) No concrete splashes

No manual handling of waste concrete to skips

Features and Benefits

- 100% Recycled materials
Carbon Neutral.
- Labour saving
- Hi Loading Capabilities.
- EcoGrid base can be used as barriers, matting for bootscraping, pathways, steps, ramps.
- Extremely durable
- Non slip
- Crack proof and insect resistant
- Rot and algae proof
- Splinter free
- UV resistant
- Vandal resistant
- Less flammable
- Whole life costs



Case Study

Price correct at time of writing

Carillion - Moreton High School Wolverhampton / Temporary Classroom Bases – Traditional Concrete Base Method

To Install 30 concrete bases, average 600mm x 600mm x 450mm, for temporary classroom, budget costs are as follows:

Engineer set out to levels	£300	<p>Total Cost of Concrete Bases with future potential concrete landfill tax £4080 /30no = £136 per base – 8day install/remove time – increased health & safety risks - High carbon footprint</p>
Labour to assist	£90	
1 Carpenter to shutter 30 bases	£500	
Nails £20, 15 sheets of shuttering ply	£300	
Timber supports 150lin mtrs	£150	
Polythene roll	£50	
Concrete x 5cubic mtrs	£600	
Labourers pour and level off	£200	
Labourers stripping bases of timber	£90	
Management of process inc admin for RAMS	£300	
End of project Removal	-	
Breaker hire	£100	
Labourers remove to skip	£300	
Skips for removal from site x 2no 8yd RORO	£300	
Future Potential Concrete landfill charge £160 per m3x 5mtrs (London Conc Disposal Rates)	Total £800	
		<p>Total cost of 30no wysebase £2996.96 / 30no = £99.90 per base – 1 day install/removal -reduced health and safety risks – low carbon footprint</p>

- Cheaper
- Carbon neutral
- Health & Safety reduced risks
- Environmentally superior option
- Improved programme
- User friendly

EcoGrid Base Calculator

WyseBase
Part of the WyseGroup

Contractor: Carillion
Site address: Moreton School
Contract Number: 57p012297

Row

Row	a	b	c	d
1	600mm x 660mm 120mm	600mm x 990mm 150mm	600mm x 990mm 120mm	
2	660mm x 990mm 130mm	660mm x 990mm 140mm	660mm x 660mm 120mm	
3	660mm x 990mm 140mm	660mm x 990mm 140mm	660mm x 990mm 150mm	
4	660mm x 990mm 140mm	660mm x 990mm 150mm	660mm x 990mm 150mm	
5				
6				
7				
8				
9				
10				
11				
12				

Total Cost £ 1,180.30

Buttons: RESET SHEET, PRINT

Base No	Size required	Depth	Ind Base Cost	5mm top plate 600x600	20mm topmat black	30mm tile for topmat	40mm tile	60mm tile	90mm tile	120mm tile	150mm tile	180mm tile	225mm tile
1a	660mm x 660mm	120mm	£ 66.61	1	4	4	8	0	0	0	0	0	0
1b	660mm x 990mm	90mm	£ 111.05	15	6	6	0	0	0	0	0	0	0
1c	660mm x 990mm	120mm	£ 99.92	15	6	6	12	0	0	0	0	0	0
1d		0	£ -	0	0	0	0	0	0	0	0	0	0
2a	660mm x 990mm	130mm	£ 106.26	15	6	6	6	0	0	0	0	0	0
2b	660mm x 990mm	140mm	£ 106.19	15	6	6	0	0	0	0	0	0	0
2c	660mm x 660mm	120mm	£ 66.61	1	4	4	8	0	0	0	0	0	0
2d		0	£ -	0	0	0	0	0	0	0	0	0	0
3a	660mm x 990mm	140mm	£ 106.19	15	6	6	0	0	0	0	0	0	0
3b	660mm x 660mm	140mm	£ 72.13	1	4	4	0	0	0	0	0	0	0
3c	660mm x 990mm	90mm	£ 111.05	15	6	6	0	0	0	0	0	0	0
3d		0	£ -	0	0	0	0	0	0	0	0	0	0
4a	660mm x 990mm	140mm	£ 106.19	15	6	6	0	0	0	0	0	0	0
4b	660mm x 990mm	90mm	£ 111.05	15	6	6	0	0	0	0	0	0	0
4c	660mm x 990mm	90mm	£ 111.05	15	6	6	0	0	0	0	0	0	0
4d		0	£ -	0	0	0	0	0	0	0	0	0	0
5a		0	£ -	0	0	0	0	0	0	0	0	0	0
5b		0	£ -	0	0	0	0	0	0	0	0	0	0
5c		0	£ -	0	0	0	0	0	0	0	0	0	0
5d		0	£ -	0	0	0	0	0	0	0	0	0	0
6a		0	£ -	0	0	0	0	0	0	0	0	0	0
6b		0	£ -	0	0	0	0	0	0	0	0	0	0
6c		0	£ -	0	0	0	0	0	0	0	0	0	0
6d		0	£ -	0	0	0	0	0	0	0	0	0	0
7a		0	£ -	0	0	0	0	0	0	0	0	0	0
7b		0	£ -	0	0	0	0	0	0	0	0	0	0
7c		0	£ -	0	0	0	0	0	0	0	0	0	0
7d		0	£ -	0	0	0	0	0	0	0	0	0	0
8a		0	£ -	0	0	0	0	0	0	0	0	0	0
8b		0	£ -	0	0	0	0	0	0	0	0	0	0
8c		0	£ -	0	0	0	0	0	0	0	0	0	0
8d		0	£ -	0	0	0	0	0	0	0	0	0	0
9a		0	£ -	0	0	0	0	0	0	0	0	0	0
9b		0	£ -	0	0	0	0	0	0	0	0	0	0
9c		0	£ -	0	0	0	0	0	0	0	0	0	0
9d		0	£ -	0	0	0	0	0	0	0	0	0	0
10a		0	£ -	0	0	0	0	0	0	0	0	0	0
10b		0	£ -	0	0	0	0	0	0	0	0	0	0
10c		0	£ -	0	0	0	0	0	0	0	0	0	0
10d		0	£ -	0	0	0	0	0	0	0	0	0	0
11a		0	£ -	0	0	0	0	0	0	0	0	0	0
11b		0	£ -	0	0	0	0	0	0	0	0	0	0
11c		0	£ -	0	0	0	0	0	0	0	0	0	0
11d		0	£ -	0	0	0	0	0	0	0	0	0	0
12a		0	£ -	0	0	0	0	0	0	0	0	0	0
12b		0	£ -	0	0	0	0	0	0	0	0	0	0
12c		0	£ -	0	0	0	0	0	0	0	0	0	0
12d		0	£ -	0	0	0	0	0	0	0	0	0	0
Totals				16.5	66	66	34	22	76	184	12	4.2	75

Total Install Cost £ 1,180.30

Required Material

5mm top plate 600x600	16.50
20mm topmat black	66.00
30mm tile for topmat	66.00
40mm tile	34.00
60mm tile	76.00
90mm tile	184.00
120mm tile	12.00



Project Details

Commercial construction site concrete pad replacement

Client Details

Carillion

Contractor Details

Wyse



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