

## Building a 16 foot diameter 2V geodesic dome tent

Date	Action	Duration (hrs)	To date (hrs)	Cost (£)	To date (£)
Feb 2005	Research into domes	10	10		0.00
01 March 2005	Buy 130 off 1 inch stainless screws, example 8 x 60 mm bolt, washers & wingnut	1	11	7.10	7.10
08 March 2005	Buy 20 meters of 25 mm (OD) alkathene blue water pipe (Johnsons)	1	12	26.00	33.10
10 March 2005	Test alkathene melting and joint mechanism by making one off	2	14		33.10
11 March 2005	Order wooden struts (1500 x 22 x 22 mm) (Jewsons)	1	15	119.00	152.10
11 March 2005	Buy 30 off 8 x 60 mm roofing bolts, washers and wingnuts (Toolmaster)	1	16	15.00	167.10
12 March 2005	Send deposit for canvas cover to Albion Canvas	2	18	400.00	567.10
13 March 2005	Build 10th scale model using gardening sticks	6	24	3.00	570.10
15 March 2005	Adjust Jewsons order to change size of wooden spars to 1500 x 20 x 20mm	1	25		570.10
18 March 2005	Buy internal drapes and curtains (5 sheets of 1.6 x 2 meter cloth)	1	26	54.00	624.10
20 March 2005	Cut 140 plastic tubes at 100mm long from waterpipe	1	27		624.10
20 March 2005	Tidy ends of 140 plastic tubes	2	29		624.10
21 March 2005	Find angle iron to make vice for plastic ends, cut to size, remove rust	2	31		624.10
04 April 2005	Pick up wood from Jewsons (65 needed, 71 ordered, 77 delivered)	1	32		624.10
05 April 2005	Sort wood into preferred order of use (12 marked as spare)	0.5	32.5		624.10
16 April 2005	Sand off edges of struts using power drill and flap wheel (280 edges)	6	38.5		624.10
17 April 2005	Round off corners of one end of each strut (70 struts)	2	40.5		624.10
18 April 2005	Make one test strut with plastic ends	1	41.5		624.10
19 April 2005	Cut all struts to length (70 struts)	2	43.5		624.10
23 April 2005	Round off corners of second end of each strut (70 struts)	3	46.5		624.10
24 April 2005	Apply linseed oil to each strut - 1st coat (70 struts)	2	48.5		624.10
04 May 2005	Buy curtain wire and fixings for hanging drapes	0.5	49	5.00	629.10
06 May 2005	Confirm canvas design to Albion Canvas by email	1.5	50.5		629.10
07 May 2005	Apply linseed oil to each strut - 2nd coat (70 struts)	2.5	53		629.10
07 May 2005	Buy second bottle of linseed oil	0.5	53.5	2.99	632.09
08 May 2005	Mark 50mm limit for plastic ends on each strut (140 ends)	0.5	54		632.09
08 May 2005	Hammer on plastic ends to each strut (hot water to soften) (140 ends)	1	55		632.09
09 May 2005	Buy vegetable oil for melting plastic end tubes	0.5	55.5	1.85	633.94
09 May 2005	Melt and form ends using hot oil @ 180 deg C (140 ends)	7	62.5		633.94
09 May 2005	Drill first bolt holes (8 mm) through plastic spade ends (70 ends)	1	63.5		633.94
09 May 2005	Drill jigged second holes (8 mm) through plastic spade ends (70 ends)	1	64.5		633.94
10 May 2005	Use surform to smooth plastic end pieces (140 ends)	1	65.5		633.94
10 May 2005	Drill pilot holes for stainless steel screws (140 holes)	1	66.5		633.94
10 May 2005	Countersink holes for stainless steel screws (140 operations)	1	67.5		633.94
11 May 2005	Buy 150 off 3/4 inch stainless c/snk wood screws, 9mm drill bit, new pozi head	1	68.5	9.00	642.94
11 May 2005	Open all 8mm holes to 9mm, fit stainless steel screws (140 screws)	1.5	70		642.94
11 May 2005	Fit red tape to easily identify shorter struts (30 struts)	0.5	70.5		642.94
11 May 2005	Test assembly of dome frame	1	71.5		642.94
17 May 2005	Finish 2 spare short struts - fit & melt plastic, drill holes, fit screws & tape	1.5	73		642.94
18 May 2005	Buy canvas covering from Albion Canvas	0.1	73.1	455.00	1097.94
18 May 2005	Buy two windows (two for price of one) from Albion Canvas	0.1	73.2	30.00	1127.94
18 May 2005	Buy canopy for large doorway from Albion Canvas	0.1	73.3	125.00	1252.94
18 May 2005	Buy groundsheet from Albion Canvas	0.1	73.4	175.00	1427.94
18 May 2005	Buy jute carpet from Albion Canvas	0.1	73.5	95.00	1522.94
	Buy extra large washers to support curtain wire fixings for drapes	0.5	74	2.00	1524.94
	Drill holes in washers which will support curtain wire fixings for drapes	2	76		1524.94