



PROJECT 014 - BUILD SHEET

Backyard greenhouse

Size 2.4 x 1.8 x 2.1 m - Time 2 days, one person - Pipe: 28.0 mm OD, wall 1.2 mm, from any supplier

Parts list

12 x Corner	KG-12	\$36
8 x Tee	KG-13	\$24
8 x Pivot	KG-51	\$32
6 x Rail clamp	KG-61	\$18
6 x Foot	KG-31	\$18
2 x Fastener kit	FK-M6	\$14
42 parts, bought apart		\$142
Bundle price		\$128

Pipe cut list (28 mm OD)

6 x Upright	2100 mm each
4 x Eave / ridge rail	2400 mm each
8 x Roof rafter	1050 mm each
2 x Door frame	1800 mm each
Total pipe to buy	~34.2 m (add 5% for cut waste)

Assembly

1. Cut pipe to the list above. Deburr the ends.
2. Assemble the base frame with bolts finger-tight - nothing square yet.
3. Set the roof pitch with the pivots, hang the door, then clad with film using the rail clamps.
4. Square everything up, then torque every bolt to 4 N-m with the 10 mm hex driver.