

Drainage plan



Roof pitch	Factor
20°	1.182
22.5°	1.207
25°	1.233
27.5°	1.260
30°	1.288
32.5°	1.319
35°	1.350
37.5°	1.384
40°	1.419
42.5°	1.459
45°	1.500
47.5°	1.547

The first figure you write down will be 10. The second figure will be 3 (6 divided by 2). Multiplying these two together now for the clever bit. To allow for the slope of the roof you need to multiply your roof area figure by the factor shown

HOW MANY SOAKAWAY CRATES DO I NEED?
 Note: If you are unsure of the exact pitch of your roof, choose a pitch that is more likely to be too steep than too shallow. In our example above, let's assume we have a roof pitch of 45°. Simply multiply our initial figure of 30 by 1.5 to give an

Effective Roof Area (Square Metres)	Size of Soakaway Required (Cubic Metres)	Number of RainSmart Ellipse Double Crates Required
25 m²	0.5m³ (500 litres)	2
30 m²	0.6m³ (600 litres)	3
40 m²	0.8m³ (800 litres)	3

30m² Roof area requiring 600 Litre soakaway capacity, there for using 3x Double Crates plus accessible sediment filter



North Elevation



2x Linked 250l Slim water tanks, 1200 H x 1000 wide x 250 Deep