

Climate mitigation statement

Address: 8 Romney Road, Hamstreet, Kent TN26 2JB

Rain water harvesting on the new proposed single storey extension roof area

Gutters

Half round Gutter size = 100mm diam.

Round Outlet size - 63mm diam.

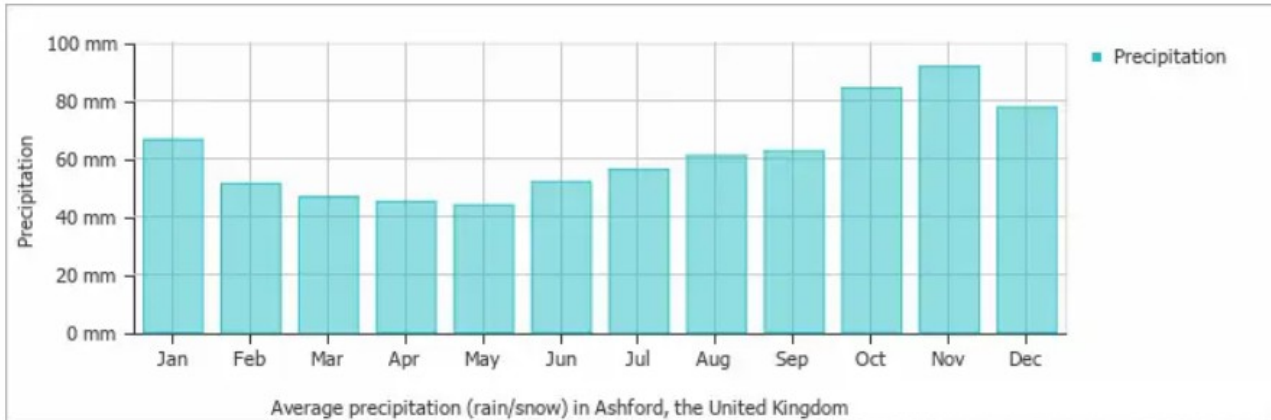
Flow capacity 0.78 Litres/sec



Shows the gutter and downpipe connection to the new 250L water butt in green

Yearly Rainfall

The average amount of annual precipitation for the area is: 738 mm (29 inches)

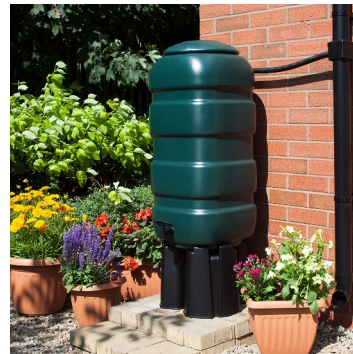


Proposal to install 1 new Water butt:

Capacity - 250L

Dimensions
121cm x 54cm x 54cm (H x W x L)

For use on a new patio and planting area with natural surface water run off



Shows connection

Existing Gutters

Existing Gutters and Downpipes from the house are to remain unchanged across the front of the dwelling. Gutters on the Rear of the proposed extension will be altered to accommodate rain water storage.

Heating – Air source Heat Pump

The Homeowner currently uses LPG gas tank heating as many do in this area. However the homeowner is investigating more sustainable solutions and plans to install a new air source heat pump for heating to the new extension and existing house to make the property more energy efficient.

Indoor Electric car charging

The homeowner wished to incorporate a new garage at ground floor level into the proposed extension. This will future proof his property when he switches to an Electric vehicle. The garage will allow him to install an indoor electric car charging point in the future.