

Greenroofs naturally

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KD Architects

Attn. Mr. Kevin Lancaster

Re Portsdown Hill Project

Dear Kevin

Thank you very much for your enquiry. We would be delighted to supply and install our green roof system which carries a rolling guarantee – year on year provide we a) install the sedum and b) maintain the roof at least once a year and preferably twice*

I will be attaching some pictures and specific references to our web site.

The given total area of the roof in question is 69m².

Our specification is quite simple:

Loose lay 250g m² protective fleece to waterproofing supplied & fitted by others

Install fully grown sedum mats 50cms x 50cms x 80mm height. [Minimum 18-24 months growth]

Dress all joints with GRn substrate and sedum cuttings. Water throughout if necessary.

Price for fully grown sedum mats together with a fleece base and retention bars the length of the eaves is

£55.65 per m² + VAT

[Fifty – five pounds and sixty pence per square metre]

This price assumes that our pallets [7] would be taken to the roof by others.

From our web site you can see a visual representation of the sedum mat build up. Look under

"The System". The fully saturated weight of the sedum mats is 56 kilos per square metre.

Irrigation of the mats is not necessary but may well benefit the plants during long dry spells.

You raise the question about the location of the building and how the sedum would "flourish".

I note it will be on the exposed South coast which suggests that we should ensure that the sedum is set within a framework with perimeter upstands of minimum 100mm height –these to be dressed with the waterproofing. At the eaves we would recommend the installation of our GRn retention bars, secured by chemical bond to the waterproofing.

Over the past 12 years we have installed our extensive green roofs throughout the UK with a number of coastal locations in the South East of the UK through to South Wales, Bristol and Cornwall.

We can describe sedum [Crassulaceae species] as a plant which thrives on adversity.

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To see precisely how our system and installation works please look again at the web site

Click on *Green Roof latest news* and then > *Read more* > *Transform your roof*.

This is how we would green Portsdown Hill.

Maintenance* cost would very approximately £150-£175 *per visit* which allows for transport and work on the roof – including all materials used- eg additional substrate or sedum cuttings.

Delivery and installation of the above green roof system would be a maximum of 3 weeks from your confirmation. We can install our green roofs at any time except when we have snow or frosty conditions.

We hope that our quotation is of interest and would be delighted to carry out the work

We have twice won gold medal for our Sedum at Chelsea Flower Show.

Many thanks

David Beattie.

PS

I can forward full details of our maintenance “routine” and procedures if you would like to see these.

If you would like to see samples of our fully grown sedum – please let me know

I will be forwarding separate details for roof build up from plywood deck & waterproofing with single ply membrane – Endon Roofing Ltd.

