ORGANIC
ROOFS
INNOVATIVE LOW-IMPACT ROOFING

The Shingle Roof
Designed for our changing climate

Climate change is outpacing green roof guidelines. The 'pocket & panel' roof is our attempt to balance the depth we see plants needing without adding excessive overall weight to the roof.



Deeper planting in pockets with generous pebble areas combine to emulate the appearance of riverbed & bank.

Our habitat panels provide a striking visual counterpoint to the growing area, filled with natural materials to provide an extra dimension for invertebrates and pollinators, as well as biophilic benefits for people overlooking the space.

(Available in your choice of RAL colours, and bespoke or off-the-shelf designs, they can also be wall-mounted.)

OUR CLIENTS INCLUDE

University of Brighton · The Royal Borough of Kensington and Chelsea · idverde · Brighton & Hove · h&f hammersmith & fulham

FSB Member of the Federation of Small Businesses · Living Wage Foundation







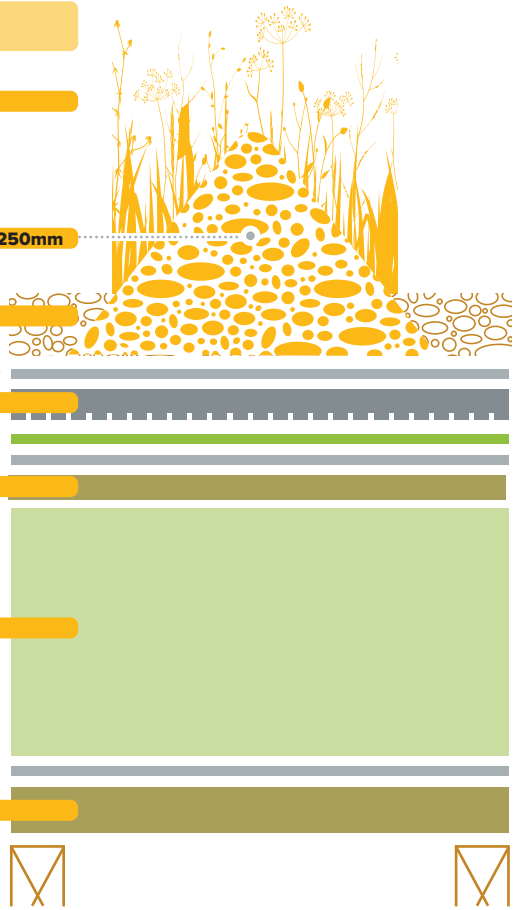




The Shingle Roof:
Data

How your Shingle Roof is built up

HOW YOUR GREEN ROOF IS CONSTRUCTED	SATURATED WEIGHT KG PER M²	mm
Planting	25	25
Substrate	up to 250kg	Up to 250mm
Pebble area	40	50
Filter Fleece		
Drainage Layer/Reservoir Board		12
Geotextile Protection Layer		
Waterproof Membrane		9
Plywood Deck		
Insulation		120
Vapour Control Layer		
Plywood Deck		18
Joists		



Your roof is designed to do a lot more than a normal roof. As much as 50% of all rainfall will be soaked up to feed the plants which will then breathe it back into the atmosphere, the substrate provides added thermal mass which regulates the rate at which the room warms up and cools down, and you've helped your local environment by providing food and shelter for pollinators and other creatures.

BENEFITS

1 CAN REUSE EXISTING GROWING MEDIUM FROM FAILED ROOFS

2 GREATER DROUGHT RESILIENCE WITH SIMILAR OVERALL WEIGHT

3 PLANTS CAN BE GROWN FROM EITHER PLUGS OR TURF

4 NO FERTILISER REQUIRED, ONE CUT PER YEAR

5 PANELS CAN BE MADE TO YOUR DESIGN/ COMPANY LOGO

6 SUITABLE FOR COASTAL AND URBAN ENVIRONMENTS