

ARCHITEK ASSURED GREEN ROOFS
steep slope

Sloped green roofs are extremely attractive and highly visible from the ground, however they have unique challenges and need to deal with erosion and shear forces due to gravity. The soil or grow media/substrate layer is usually 75 mm due to the retention piece and 4-6" and the entire system has a saturated weight of less than 35 lbs. per square ft. - average being about 50 lbs. per square foot.



JABOB WEBNET APPLIED



JABOB WEBNET

KEY FEATURES:

- Proper for steep roof and surfaces;**
- Improved thermal efficiency;**
- Noise Protection;**
- Protection of roof membrane**
- Attractive visual to the roof**
- UV Protection**

Pre-planted modules for instant use

100% recycled material

Self-maintaining rainfall provides all water needs

Easy fit

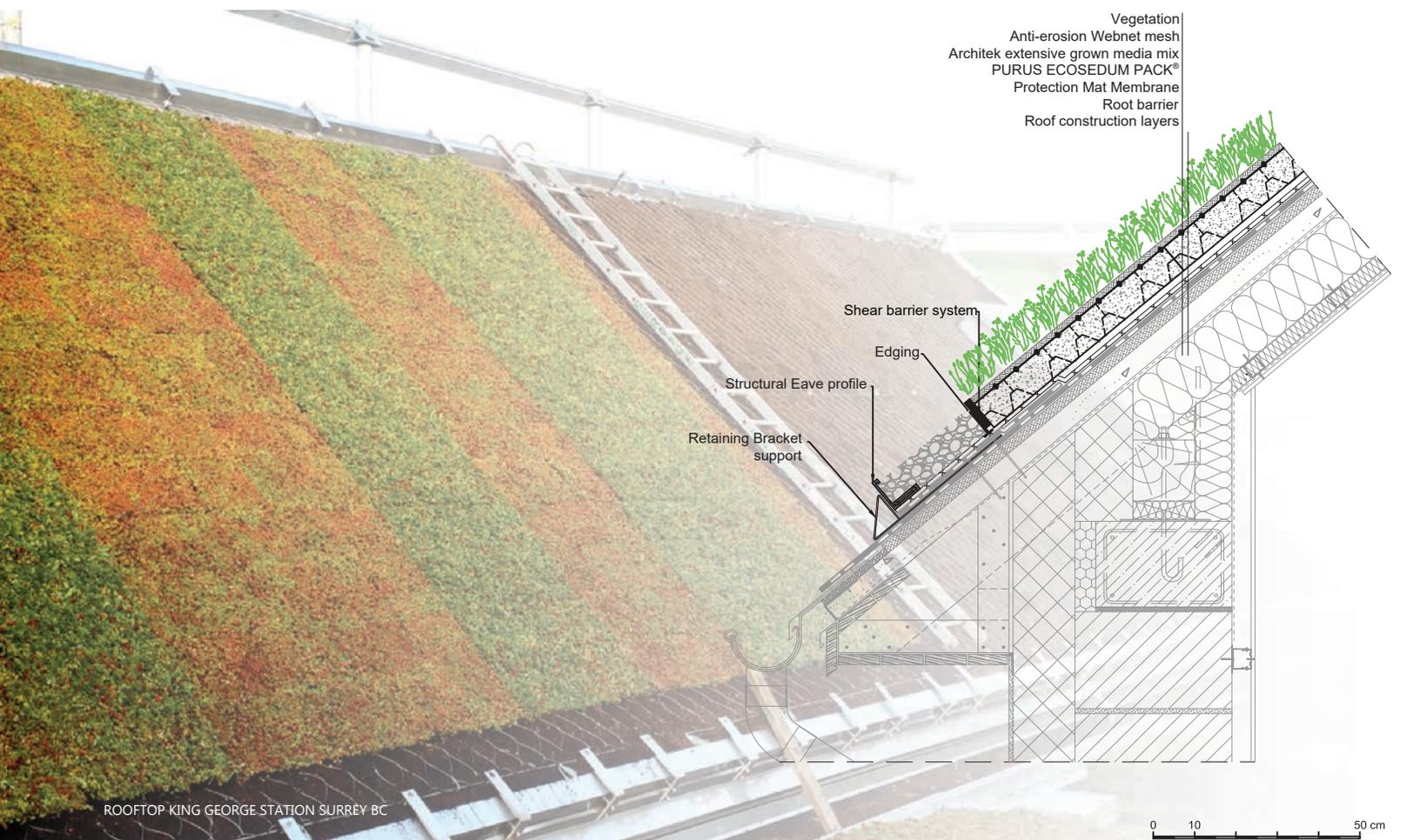
Absorbs airborne particulates

Helps extend roof life, e.g. by providing UV protection

Effective SUDS control thanks to rainwater attenuation



PURUS ECOSEDUM PACK



Vegetation
Anti-erosion Webnet mesh
Architek extensive grown media mix
PURUS ECOSEDUM PACK®
Protection Mat Membrane
Root barrier
Roof construction layers

Shear barrier system
Edging
Structural Eave profile
Retaining Bracket support

0 10 50 cm

ROOFTOP KING GEORGE STATION SURREY BC



Thickness of system (inch):	approx. 10.0"
Dry Weight (lbs/sqf):	27.57
Saturated Weight (kg/sq.m):	95
Vegetation (types):	Mix of Sedums / Plugs / Perennials
Roof Slope (Degrees):	25 or more

COMPONENTS:



Special plants for ground cover perennials. Sedums, plugs and small perennials. Sedum size: 12" x 24" (different mixes). A coconut fiber base assures effective rooting of plants to the underlying growth medium and holds the tile together for easy installation.



Architek extensive Mix. The proper blend of organic matter and aggregates to an FLL standard. The growing media ensures the nutrients needed for the growth of plants, serves as a support to the roots, thus providing the ground of the growth of the vegetation. It includes mostly minerals, mixtures with proper air content, and durable good water permeability and stable structure.

Available in bags and bulks.



PURUS ECOSEDUM PACK. Made from 100% recycled material, the system specially designed honeycomb structure ensures optimum water retention and at the same time can stores rainwater. Drainage system embed to the each module.

Board size (mm): 400 (W) x 600(L) x 75 (H)
Material: 100% recycled/recyclable PE/PP



Flexible and Rigid Edging. Made from 100% recycled post-consumer PVC or recycled aluminum both are 100% recyclable. Drainage slots and multi-purpose stake hole are also optional. PVC version has a UV inhibitor to increase strength and resistance to ultraviolet radiation.

Black PVC: Heights and Widths up to 6" and as low as 3"
Alumium (Mill or Black finish): Available in 8 ft sections from 3"x3" to 8.5"x7.5"



Shear Barrier system. May be used to transfer this load to the roof construction. Built-in or Stainless Steel profiles can be used in depending on the roof construction type (wood, concrete etc).



Protection Mat. This product protects the roof insulation boards against damage during the installtion and future maintenance work serving as a protecting layer.



Root Barrier. Root resistant and vapour control layer made of 20-40 mm thick elastic polyethylene regenerate. Applicable as a vapour control layer and can be used as a root resistant layer on green roofs when lied down with a 1.0 m overlapping. Dimensions: 4x25 m (WxL); Roll width: 1 m; wrapping: 100 m2/roll; colour: black.