



- Extensive growing medium, average depth 100mm thick (variable thickness)
- Root barrier: Rootstop WSB80-PO by Alumasc Ltd
- Filter layer (fleece): "Oldroyd Tp" by Oldroyd Membranes
- Drainage layer (reservoir): "Oldroyd Xv20 green Xtra" by Oldroyd Membranes
- Geotextile/ Protection Layer
"Geotextile polyester 200 g/m²" by Flag Soprema UK Ltd.
- Waterproof membrane: Sarnafil or similar equal approved
- Tapered Insulation: Kingspan TT46 tapered insulation, min 120mm (1:60 fall towards nearest drain)
- Vapour control layer: Sarnafil "Sarnavap" (to BS 5250: 2002)

- 18mm WBP Plywood (minimum grade allowable)
- Proprietary timber or composite joists (Eco-Joists shown), to allow for services including ducting. Install to manufacturer's recommendations. Depth dependent on Structural Engineer's calculations. Note: 10mm maximum deflection.
- 12.5mm Gyproc Wallboard (8.6kg/m²) with 2.5mm skim plaster finish to provide 30min FR. Note: Moisture Resistant Plasterboard to bathrooms

LIVING ROOF CONSTRUCTION
 "U" value = 0.12 W/m²K

revisions		
status: PRELIMINARY		
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P T A L		
PETER TAYLOR ASSOCIATES LIMITED THE ROLLER MILL-MILL LANE UCKFIELD-EAST SUSSEX TN22 5AA		
TELEPHONE	+ 44 (0)1825 768 377	
FACSIMILE	+ 44 (0)1825 765 752	
EMAIL	SOUTHERN@PTAL.CO.UK	
	WWW.PTAL.CO.UK	
client:	ALLENBUILD	
project:	SUFFOLK HOUSE 1-8 WHITFIELD PLACE LONDON W1	
use:	LIVING ROOF DETAIL	
scale:	1:5@A3	
date:	JUNE 2013	
drawn:	CC	
checked:	NR	
job no:	drawing no:	revision:
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