

Green-Roof

Material

Green-Roof surface finishes as detailed below:
100% vegetation cover, split between Sedum Blanket on 80mm substrate (60%) and biodiverse plug planted areas on 100-150mm substrate (40%)

Material Imagery



Green Roof Build up:
1- Sedum blanket and wildflower plug plants
2- Bauder (FLL Compliant) Extensive substrate: Varied substrate depth between 80mm - 150mm
3- Bauder filter fleece
4- 20mm DSE20 drainage layer
5- FSM600 Protection mat as protection layer
6- PE foil separation layer



Image from Proposed Drawings/ Spec



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Sedum Blanket:
Bauder Xero Flor XF300 vegetation blanket is a sedum blanket product developed as an extensive green roof finish that provides instant precultivated vegetation. XF300 is intended for application directly over Bauder Extensive Substrate as the underlying growing medium. The vegetation within this product is a mix of hardy sedum species together with some grasses and moss.

Biodiverse Plug Planting:
Plugs planted at 15-25 per m2. Covering approx. 20% of the biodiverse areas.
Possible suggested plug mix as follows:

Yarrow	<i>Achillea millefolium</i>
St John’s Wort	<i>Hypericum perforatum</i>
Yellow-wort	<i>Blackstonia perfoliata</i>
Common Centuary	<i>Centaurium erythaea</i>
Kidney Vetch	<i>Anthyllis vulneraria</i>
Common Bird’s-foot-trefoil	<i>Lotus corniculatus</i>
Bristly Ox-tongue	<i>Helminthotheca echioides</i>
Dove’s-foot Crane’s-bill	<i>Geranium molle</i>
Common Eyebright	<i>Euphrasia nemorosa</i>
Betony	<i>Stachys officinalis</i>
Mugwort	<i>Artemisia vulgaris</i>
Devil’s – bit	<i>Scabious succisa pratensis</i>
Ribwort Plantain	<i>Plantago lanceolata</i>
Selfheal	<i>Prunella vulgaris</i>
Corncockle	<i>Agrostemma githago</i>

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