

**BAUDER**



UK NATIVE SPECIES PLUG PLANTS

# SELECTING UK NATIVE SPECIES PLUG PLANTS

The introduction of the BREEAM and Sustainable Homes codes has led to a significant change in the requirement for the supply of vegetation to be incorporated into green roofs. Whereas sedum species have been widely used in green roofs for many years, the incorporation of native species varieties, which include grasses, herbs and wild flowers, provides a fresh challenge for the specifier.

To keep pace with changing market demand, we have worked with an established UK grower of wild flowers to make available a range of native species vegetation, grown from UK provenance seed stock, all of which will flourish in traditional substrate-based green roof systems. This provides a broad palette range from which the project ecologist may ask us to select or alternatively may wish to select for themselves, to secure the credits needed to meet the scheme requirement.

## BREEAM and Sustainable Homes Codes

In considering how green roofs will support both BREEAM and Sustainable Homes code projects, it should be borne in mind that a number of credits can be secured in the Land Use and Ecology section by improving the ecological value of the site. This is achieved by increasing the number of locally significant species as specified by a registered ecologist found on the site after construction. The calculation is dependant upon the number of species included and the green area of the roof.

## General

**Please note that Bauder Ltd cannot guarantee the supply of the exact mix of vegetation ordered.**

## CHALK PLUG PLANTS SELECTION

Latin Name	Common Name	Exposure (sun - shade)	Colour	Height of Flowers	27cc Plugs	Bare Root Stock
<i>Achillea millefolium</i>	Yarrow		White	250 mm	✓	
<i>Armeria maritima</i>	Thrift		Pink	120 mm	✓	
<i>Briza media</i>	Quaking Grass		Grass	300 mm		✓
<i>Campanula rotundifolia</i>	Harebell		Blue	120 mm	✓	
<i>Campanula glomerata</i>	Clustered Bellflower		Blue	150 mm	✓	
<i>Daucus carota ssp maritimus</i>	Wild Sea Carrot		White	150 mm	✓	
<i>Festuca ovina</i>	Sheep's Fescue		Grass	300 mm		✓
<i>Festuca rubra ssp juncea</i>	Red Fescue		Grass	300 mm	✓	
<i>Galium verum</i>	Lady's Bedstraw		Yellow	150 mm	✓	
<i>Helianthemum nummularium</i>	Common Rock-Rose		Yellow	80 mm	✓	
<i>Leontodon hispidus</i>	Rough Hawkbit		Yellow	80 mm	✓	
<i>Leucanthemum vulgare</i>	Oxeye Daisy		White/Yellow	200 mm	✓	
<i>Linaria vulgaris</i>	Yellow Toadflax		Yellow	150 mm	✓	
<i>Lotus corniculatus</i>	Birds-Foot Trefoil		Yellow	80 mm	✓	
<i>Origanum vulgare</i>	Wild Marjoram		Mauve	40 mm	✓	
<i>Plantago coronopus</i>	Bucks-Horn Plantain		Brown	80 mm	✓	
<i>Primula veris</i>	Cowslip		Yellow	120 mm	✓	
<i>Prunella vulgaris</i>	Selfheal		Purple	50 mm	✓	
<i>Ranunculus bulbosus</i>	Bulbous Buttercup		Yellow	200 mm	✓	
<i>Sanguisorba minor</i>	Salad Burnet		Pink	150 mm	✓	
<i>Scabiosa columbaria</i>	Small Scabious		Blue	250 mm	✓	
<i>Sedum acre</i>	Biting Stonecrop		Yellow	60 mm	✓	
<i>Sedum album</i>	White Stonecrop		White	100 mm	✓	
<i>Silene maritima</i>	Sea Campion		White	120 mm	✓	
<i>Thymus polytrichus</i>	Wild Thyme		Mauve	40 mm	✓	

## ALPINE PLUG PLANTS SELECTION

Latin Name	Common Name	Exposure (sun - shade)	Colour	Height of Flowers	27cc Plugs	Bare Root Stock
<i>Armeria maritima</i>	Thrift		Pink	120 mm	✓	
<i>Carex flacca</i>	Glaucous Sedge		Blue foliage	150 mm	✓	
<i>Linaria vulgaris</i>	Yellow Toadflax		Yellow	150 mm	✓	
<i>Origanum vulgare</i>	Wild Marjoram		Mauve	150 mm	✓	
<i>Sedum acre</i>	Biting Stonecrop		Yellow	60 mm	✓	
<i>Sedum album</i>	White Stonecrop		White	100 mm	✓	
<i>Thymus polytrichus</i>	Wild Thyme		Mauve	40 mm	✓	

## SPECIES SELECTION OPTIONS

### 'Plant Community Type' Selection

To assist you in your deliberations, we have identified four different species mixes, for grassland, chalk, wildflower meadow and alpine plant communities, which are listed opposite. If you decide upon one of these selections, we will supply the mix as indicated, providing suitable alternatives should any species not be available from the growers stock. This is our preferred option of supply.

### Client Selection from Stock

Should you wish to self-select, we list on the back page the full species list available for you to choose from. Please select the species and number of plants required and we will advise on availability and alternatives prior to delivery

### Custom Growing

On larger developments, where there are specific species requirements, it may be possible for the vegetation to be grown specifically for the project. It should be noted that a minimum full growing seasons notice is required to offer this service, that a deposit will be required at the time of placing the order and that additional charges will arise should the order be modified or reduced prior to delivery.

Should you wish to consider this option please contact Bauder Sales Office in the first instance.

**All 27cc plugs come in trays of 135 pieces, charged only for 130 plants.**

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## WILDFLOWER MEADOW PLUG PLANTS SELECTION

Latin Name	Common Name	Exposure (sun - shade)	Colour	Height of Flowers	27cc Plugs	Bare Root Stock
<i>Achillea millefolium</i>	Yarrow		White	250 mm	✓	
<i>Anthyllis vulneraria</i>	Kidney Vetch		Yellow	150 mm	✓	
<i>Bellis perennis</i>	Daisy		White/Yellow	30 mm	✓	
<i>Geranium sp.</i>	Geranium Varieties		Blue/Pink	50 - 200 mm	✓	
<i>Campanula rotundifolia</i>	Harebell		Blue	120 mm	✓	
<i>Campanula glomerata</i>	Clustered Bellflower		Blue	150 mm	✓	
<i>Festuca rubra ssp juncea</i>	Red Fescue		Grass	300 mm	✓	
<i>Fragaria vesca</i>	Wild Strawberry		White	50 mm		✓
<i>Galium verum</i>	Lady's Bedstraw		Yellow	150 mm	✓	
<i>Glechoma hederacea</i>	Ground Ivy		Blue	100 mm		✓
<i>Hypochaeris radicata</i>	Cats Ear		Yellow	150 mm	✓	
<i>Leontodon autumnalis</i>	Autumn Hawkbit		Yellow	80 mm	✓	
<i>Leontodon hispidus</i>	Rough Hawkbit		Yellow	80 mm	✓	
<i>Leucanthemum vulgare</i>	Oxeye Daisy		White/Yellow	200 mm	✓	
<i>Linaria vulgaris</i>	Yellow Toadflax		Yellow	150 mm	✓	
<i>Potentilla reptans</i>	Creeping Cinquefoil		Yellow	30 mm	✓	
<i>Primula veris</i>	Cowslip		Yellow	120 mm	✓	
<i>Primula vulgaris</i>	Primrose		Yellow	100 mm	✓	
<i>Prunella vulgaris</i>	Selfheal		Purple	50 mm	✓	
<i>Ranunculus bulbosus</i>	Bulbous Buttercup		Yellow	200 mm	✓	
<i>Sanguisorba minor</i>	Salad Burnet		Pink	150 mm	✓	
<i>Scabiosa columbaria</i>	Small Scabious		Blue	250 mm	✓	
<i>Silene latifolia ssp. alba</i>	White Campion		White	200 mm	✓	
<i>Silene vulgaris</i>	Bladder Campion		White	200 mm	✓	
<i>Stachys officinalis</i>	Betony		Purple	150 mm	✓	
<i>Thymus polytrichus</i>	Wild Thyme		Mauve	40 mm	✓	
<i>Viola hirta</i>	Hairy Violet		Purple	120 mm	✓	
<i>Viola riviniana</i>	Common Dog Violet		Purple	50 mm	✓	
<i>Viola tricolor</i>	Wild Pansy		Purple/Yellow	50 mm	✓	

## GRASSLAND PLUG PLANTS SELECTION

Latin Name	Common Name	Exposure (sun - shade)	Colour	Height of Flowers	27cc Plugs	Bare Root Stock
<i>Armeria maritima</i>	Thrift		Pink	120 mm	✓	
<i>Briza media</i>	Quaking Grass		Grass	300 mm		✓
<i>Campanula rotundifolia</i>	Harebell		Blue	120 mm	✓	
<i>Carex flacca</i>	Glaucous Sedge		Blue foliage	150 mm	✓	
<i>Festuca ovina</i>	Sheep's Fescue		Grass	300 mm		✓
<i>Glechoma hederacea</i>	Ground Ivy		Blue	10 mm		✓
<i>Helianthemum nummularium</i>	Common Rock-Rose		Yellow	80 mm	✓	
<i>Hypericum perforatum</i>	Perforate St Johns Wort		Yellow	150 mm	✓	
<i>Linaria vulgaris</i>	Yellow Toadflax		Yellow	150 mm	✓	
<i>Potentilla reptans</i>	Creeping Cinquefoil		Yellow	30 mm	✓	
<i>Thymus polytrichus</i>	Wild Thyme		Mauve	40 mm	✓	

## INSTALLATION & MAINTENANCE GUIDELINES

### Installation

Plant trays should be lifted to roof level and unpacked immediately, or alternatively may be kept in cool covered storage prior to lifting to roof level for a maximum of 2 days.

It is essential that both the growing medium and the plugs are thoroughly watered both prior to and immediately after installation.

Please ensure that all operatives carrying out the vegetation installation have read and understand the Bauder installation and establishment guidelines for vegetation plugs, which are available in a separate document.



































































### Maintenance

Designated biodiversity areas should be disturbed as little as possible during maintenance so as not to disrupt any micro-habitats that may have colonised.

Biodiversity roofs usually require only minimal maintenance and we are happy to offer advice on issues concerning your roof and how to maintain it in good order. We believe that our products and systems are of the highest standard and are willing to talk through any queries or concerns that you may have. It is always useful to provide photographs to accompany queries where possible.

# COMPLETE LIST OF UK NATIVE SPECIES PLUG PLANTS IN MULTI TRAYS

## UK NATIVE SPECIES PLUG PLANTS SELECTION

Latin Name	Common Name	Exposure (sun - shade)	Colour	Height of Flowers	27cc Plugs	Bare Root Stock
<i>Achillea millefolium</i>	Yarrow	 	White	250 mm	✓	
<i>Anthyllis vulneraria</i>	Kidney Vetch		Yellow	50 mm	✓	
<i>Armeria maritima</i>	Thrift		Pink	120 mm	✓	
<i>Bellis perennis</i>	Daisy	 	White/Yellow	30 mm	✓	
<i>Briza media</i>	Quaking Grass		Grass	30 mm		✓
<i>Campanula rotundifolia</i>	Harebell	 	Blue	120 mm	✓	
<i>Campanula glomerata</i>	Clustered Bellflower		Blue	150 mm	✓	
<i>Carex flacca</i>	Glaucous Sedge	 	Blue foliage	150 mm	✓	
<i>Daucus carota ssp maritimus</i>	Wild Sea Carrot		White	150 mm	✓	
<i>Festuca ovina</i>	Sheep's Fescue	 	Grass	300 mm		✓
<i>Festuca rubra ssp juncea</i>	Red Fescue	 	Grass	300 mm	✓	
<i>Fragaria vesca</i>	Wild Strawberry	 	White	50 mm		✓
<i>Galium verum</i>	Lady's Bedstraw	 	Yellow	150 mm	✓	
<i>Geranium sp</i>	Geranium Varieties	 	Blue/Pink	50 - 200 mm	✓	
<i>Glechoma hederacea</i>	Ground Ivy	 	Blue	100 mm		✓
<i>Helianthemum nummularium</i>	Common Rock-Rose	 	Purple	80 mm	✓	
<i>Hypericum perforatum</i>	Perforate St Johns Wort	 	Yellow	150 mm	✓	
<i>Hypochaeris radicata</i>	Cats Ear		Yellow	150 mm	✓	
<i>Leontodon autumnalis</i>	Autumn Hawkbit	 	Yellow	80 mm	✓	
<i>Leontodon hispidus</i>	Rough Hawkbit		Yellow	80 mm	✓	
<i>Leucanthemum vulgare</i>	Oxeye Daisy		White/Yellow	200 mm	✓	
<i>Linaria vulgaris</i>	Yellow Toadflax	 	Yellow	150 mm	✓	
<i>Lotus corniculatus</i>	Birds-Foot Trefoil		Yellow	50 mm	✓	
<i>Origanum vulgare</i>	Wild Marjoram	 	Mauve	150 mm	✓	
<i>Plantago coronopus</i>	Bucks-Horn Plantain		Brown	80 mm	✓	
<i>Plantago lanceolata</i>	Ribwort Plantain	 	White	150 mm	✓	
<i>Potentilla reptans</i>	Creeping Cinquefoil	 	Yellow	30 mm	✓	
<i>Primula veris</i>	Cowslip	 	Yellow	120 mm	✓	
<i>Primula vulgaris</i>	Primrose	 	Yellow	100 mm	✓	
<i>Prunella vulgaris</i>	Selfheal	 	Purple	50 mm	✓	
<i>Ranunculus bulbosus</i>	Bulbous Buttercup		Yellow	200 mm	✓	
<i>Sanguisorba minor</i>	Salad Burnet		Pink	150 mm	✓	
<i>Scabiosa columbaria</i>	Small Scabious		Blue	250 mm	✓	
<i>Sedum acre</i>	Biting Stonecrop		Yellow	60 mm	✓	
<i>Sedum album</i>	White Stonecrop		White	100 mm	✓	
<i>Silene latifolia ssp. alba</i>	White Campion		White	200 mm	✓	
<i>Silene maritima</i>	Sea Campion		White	120 mm	✓	
<i>Silene vulgaris</i>	Bladder Campion		White	200 mm	✓	
<i>Stachys officinalis</i>	Betony	 	Purple	150 mm	✓	
<i>Thymus polytrichus</i>	Wild Thyme		Mauve	40 mm	✓	
<i>Viola hirta</i>	Hairy Violet	 	Purple	120 mm	✓	
<i>Viola riviniana</i>	Common Dog Violet	 	Purple	50 mm	✓	
<i>Viola tricolor</i>	Wild Pansy		Purple/Yellow	50 mm	✓	