

Green Roof Vegetation Mats

Identification

A range of biodiverse, colourful and drought tolerant mats KEMPERGRO’s green roof vegetation mats are supplied ready-to-roll-out as an instant vegetation layer, with the plants established and growing in a biodegradable felt mat made from recycled British textiles. They are lightweight, easy to install and low maintenance, available in varying roll sizes to suit site requirements and suitable for use with a lightweight green roof substrate.

Vegetation Mat

Mat Types	Biodiverse	Wildflower Meadow	Sedum
Features	A mixture of drought tolerant wildflowers, herbs, sedums and flowering perennials to produce a biodiverse and colourful alternative to traditional sedum, with a prolonged flowering period, from April to September. Flowering height is 20-30cm.	An attractive mix of native wildflowers and grasses to provide the appearance of a true wildflower meadow on a roof. Flowering from April to September. Flowering height is 40-60cm.	An attractive mix of more than 16 varieties of sedum with differing colours and leaf forms for low maintenance and extreme drought tolerance. Typical height 3cm.
Benefits And Uses	As an alternative to pure sedum it combines the drought tolerant. As an alternative to pure sedum it combines the drought tolerant aspects of sedums with the colour and ecological benefits of wildflowers and other species, attracting a wider range of birds, bees, butterflies and invertebrates.	An ideal mixture to complement the local habitat or to replace the habitat lost by the footprint of the building. Flowering is over a prolonged period creating visual interest and offering an excellent habitat for insects, butterflies and birds.	Ideal for green roofs needing to be particularly lightweight, as sedums are drought tolerant and therefore can survive on a shallow substrate layer. Also suited to situations that need low growing plants and minimal maintenance.
Mixture	A range of wildflowers including Oxeye Daisy, Lady’s Bedstraw, Cats Ear and Yellow Camomile, pink flowering perennials for spectacular colour, herbs and three sedum varieties for extreme drought tolerance in case of continuous dry weather.	Twenty species of drought tolerant native wildflowers including Cowslip, Lady’s Bedstraw, Meadow Buttercup, Red Campion, Self Heal, Yarrow and Yellow Rattle, mixed with non-aggressive meadow grasses.	Contains more than 16 varieties of sedum to add colour and create interest. Additional option to include herbs in the mix to add more interest and enhance biodiversity.
Maintenance	One light cut in late autumn removing all cuttings.	One main cut in late autumn, removing all cuttings. A spring cut may be advisable if the grasses become too dominant.	Light hand weeding once or twice a year to keep out wind blown seeds.
Growing Media	Extensive lightweight green roof substrate at a depth of 75-100mm but can be varied to allow shallower pockets which encourage variation in species composition.	Extensive lightweight green roof substrate at depth of minimum 80-100mm. Wildflowers are drought tolerant species and the percentage of grasses will vary according to substrate depth and natural rainfall.	Minimum substrate depths of 50-75mm will allow for stronger and more attractive growth.

Biodiverse



Wildflower Meadow



Sedum

