

BAUDER FLORA 9 SEED MIX

Coastal

The Bauder Flora 9 Seed Mix provides a biodiverse assemblage of wildflowers that are adapted to tolerate salt laden winds, dry sandy conditions and the exposed, thin soils on roof top coastal sites. The seed mix includes a high diversity of plant species found on British coastlines, delivering maximum BREEAM credits and biodiversity enhancements for wildlife.

The seed mix delivers a typical coastal cliff top plant community that will blend into or complement surrounding coastal habitats, whilst also providing a nectar and pollen rich habitat for pollinators and larval food plants for butterflies and moths.



Mix Details:

- British Provenance Seed Mix
- 24 species including:
 - 14 native / naturalised wildflower species
 - 3 annuals
 - 4 grasses
 - 3 sedums
- 20 wildflowers classed as RHS Perfect for Pollinators
- 8 butterfly larval food plants
- Mix percentages; 75% perennial wildflowers, 10% annuals and 15% grass



Key Specification Features

- Suitable for exposed coastal areas.
- Contains salt tolerant species.
- Lengthy flowering season – April to October.
- Varied heights of flowers to give structured planting.
- Species include Sea Campion, Sheep's Fescue and native sedums for ground cover and soil stabilisation.
- Attractive to wildlife, mix includes Viper's Bugloss and Common Rock-rose.
- Can be added to other Bauder Flora Seed Mixes.

Ecological Value

The Flora 9 Seed Mix has a high diversity of wildflower species selected to deliver a long flowering period and rich nectar sources for priority coastal species. Plants with long flower tubes, such as Viper's Bugloss, will provide valuable nectar sources for native bumblebee species, such as the White-tailed Bumblebee.

The mix also comprises larval food plants for butterfly species including Common Sorrel for Small Copper and Sheep's Fescue for Marbled White and Grayling, which are prevalent in coastal areas. Plants were chosen with a variety of heights to give a good vegetation structure all year round for invertebrates, such as spiders and beetles. A rich invertebrate fauna will attract foraging for priority coastal bird species, such as the Ringed Plover and Black Redstart. Seed heads of plants like Teasel provide foraging for finches, such as Linnets and Goldfinch, which inhabit coastal areas.

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Establishment and Growth

Typically, the Flora 9 Seed Mix delivers a long flowering period from April to October, with Thrift and Dog Violet giving early flowering and Sea Aster and Wild Marjoram providing nectar at the end of the season. The mix contains pioneer and ephemeral species such as annuals (which will give cover and colour in the first season), biennials and grasses, allowing time for the slower growing perennials to establish in later years. The mix has been specified to include low growing robust species of exposed habitats. Grasses can be invasive, however the mix only contains two non-aggressive species (typically <15%), which will also help to establish and stabilise the substrate.

The seed source is British Provenance and all plant species are widely naturalised along British coastlines, the mix also including some "naturalised" plants such as Red Valerian and Seaside Fleabane. All the Seed suppliers are signatories to the Flora Locale Code of Practice for growers and suppliers.



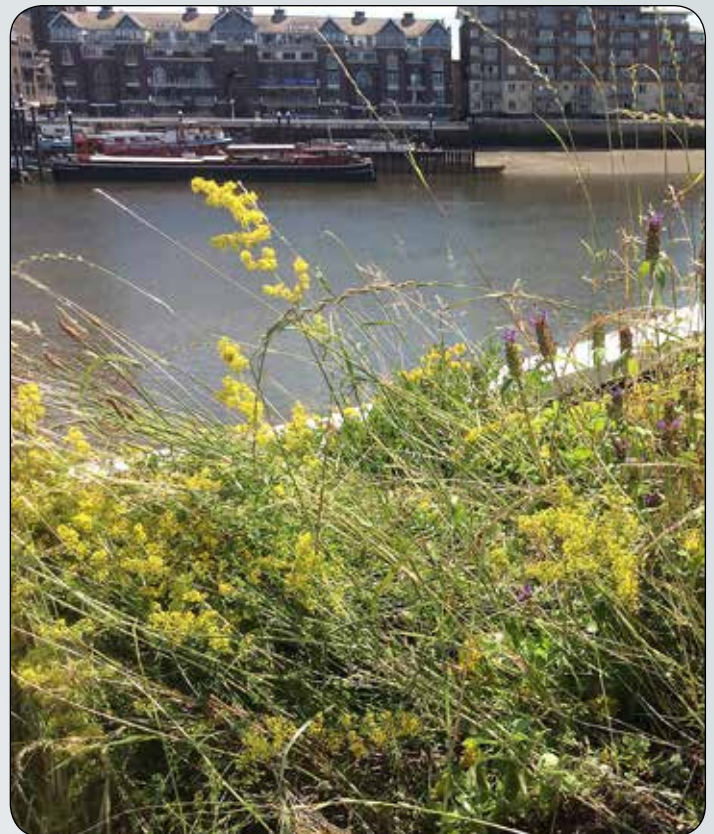
(Flora locale is an independent charity. Promoting and advancing the conservation and enhancement of native wild plant populations)

Bauder's Unique Additive Mix

To maximise the germination and establishment of the seed, Bauder has developed a unique blend of seed, adhesive, organic nutrients and mycorrhizal fungi.

- Mycorrhizal fungi increases the root surface area helping the transfer of water and nutrients from the substrate to the developing root system of the plant, enabling the plants to establish quickly.
- The adhesive binds the seed to the substrate preventing it from being blown away in windy conditions or being washed deep into the substrate and failing to germinate.
- A small quantity of organic slow release fertiliser gives the seed a gentle boost as it establishes.

The seed mix and additives are combined with a bulking agent, which enable the correct sowing rate to be achieved.



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Specification Support



Specification downloads:

www.bauder.co.uk/technical-centre



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