

PRODUCT DATA SHEET

SikaRoof® Wildflower Plugs UK

UK grown, pre-cultivated wildflower plugs for use with Green Roofs

PRODUCT DESCRIPTION

The SikaRoof® Wildflower Plugs UK are pre-cultivated propagated plugs, planted directly into the substrate growing medium. These biodiverse plug-plants are seeded and grown with a wide range of native wildflower species suited to the Green Roof environment. Installed and maintained correctly, plants will colonise the roof area.

USES

Low maintenance solution for use in a green roof build up

CHARACTERISTICS / ADVANTAGES

- High quality Wildflower Plugs
- Carefully selected mix of 38 wildflower and grass species

PRODUCT INFORMATION

Chemical Base

Wildflower species...

Achillea millefolium (Yarrow), Agrimoniaeupatoria (Agrimony), Anthyllis vulneraria (Kidney Vetch), Betonicaofficinalis (Betony), Campanula glomerata (Clustered Bellflower), Campanula rotundifolia (Harebell), Centaurea nigra (Lesser Knapweed), Echium vulgare (Viper's Bugloss), Galiumverum (Lady's Bedstraw), Glebionissegetum (Cornflower Corn Marigold), Hypericum perforatum (Perforate St John's Wort), Hypochaerisradicata (Catsear), Knautiaarvensis (Field Scabious), Leontodon hispidus (Rough Hawkbit), Leucanthemum vulgare (Oxeye Daisy), Linaria vulgaris (Common Toadflax), Lotus corniculatus (BirdsfootTrefoil), Medicago lupulina (Black Medic), Origanumvulgare (Wild Marjoram), Papaver rhoeas (Common Poppy), Plantagomedia (Hoary Plantain), Primula veris(Cowslip), Prunella vulgaris (Selfheal), Ranunculusacris (Meadow Buttercup), Rhinanthus minor (Yellow Rattle), Rumexacetosa (Common Sorrel), Sanguisorbaminor ssp. Minor (Salad Burnet), Scabiosacolumbaria (Small Scabious), Silenedioica (Red Campion), Silenevulgaris (Bladder Campion), Thymus (Thyme), Trifoliumpratense (Red Clover)

Grasses species...

Agrostis capillaris (Brown Top Bent), Anthoxanthumodoratum (Sweet Vernal Grass), Brizamedia (Quaking Grass), Cynosurus cristatus (Crested Dogstail), Festuca rubra (Red Fescue)

Packaging

84 Plugs per Tray

Appearance / Colour

Propagated and germinated in recycled green waste and mineral blend growing medium in a controlled environment, ensuring stronger plant growth and development.

Shelf Life	SikaRoof® Wildflower Plugs UK should be installed within 24-48 hours of delivery (temperature dependant)
Storage Conditions	All living materials must be installed within 24-48 hours of delivery
Length	40mm
Width	40mm
Height	60mm
Unit weight	4.2 kg

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Green roof systems include living products must be installed on day of delivery and watered immediately upon installation. If watering is not implemented immediately and for the first 12 weeks in situ, Sika Ltd cannot take responsibility for the growth and success of the vegetation. This is especially important during the Spring and Autumn period each year. For pitched roofs over 7.5 degrees, we would recommend an irrigation system to be installed with the roof.
- Where it is not possible to install the plugs on the day of delivery, the trays should be watered for overnight storage and installed as soon as possible.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

Installation should be carried out in conjunction with the Sika® Green Roof Installation Guide.

APPLICATION

- All living materials must be unloaded immediately and installed within the 24-hour period after delivery to the site. Failure to do so will risk the vegetation deteriorating and create a poor roof finish
- If it is a large roof, it would be recommended that the supporting build-up of the drainage layers, filter fleece and substrate is completed before the live material is delivered to the site, minimising vegetation stand time.
- The optimum period to install a living system is Spring/Autumn. Extra irrigation may be required during the summer months, these are discussed below.
- The installed green roof systems must be thoroughly watered in, initially at a rate of 10-15 litres/m². Irrigation should take the form of complete system saturation at least once a week in the first 12 weeks following installation. These same steps should be taken during prolonged periods of hot and dry weather.

Should temporary irrigation be in place, we recommend the following:

- Regularly check that the sprinklers are correctly positioned, prevailing wind may affect coverage.
- Regularly check that the tank water is suitable for the roof irrigation.
- If the water becomes contaminated, turn off the irrigation immediately and drain the system.
- With the onset of winter, the system will need to be drained and decommissioned.

MAINTENANCE

Living roofs with good growing conditions will need annual maintenance for best results. This after-care will involve Spring weeding and Autumn strimming each year.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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