

DATA SHEET: BLACKDOWN EXTENSIVE SUBSTRATE

DESCRIPTION:

A blend of water retaining aggregates, crushed brick and organic material mixed to provide an extensive substrate to meet customer specifications.

COMPOSITION:

Pine Bark 10%
Expanded Clay 4-8mm 35%
Crushed Brick 14-5mm 30%
Crushed Brick 5-0mm 25%

All substrates are composed of composted material from sustainable sources, the crushed brick element is a by-product or a second from the brick manufacturing industry and therefore contains no demolition waste.

Loose Bulk Density: 800 – 950 Kg/m³
Saturated Weight: Approx. 1200 kg
pH Value: 6.5 – 7.5
Available in: Plastic sacks on pallets
Bulk bags
Loose bulk
Silo tanker depending upon substrate type

Extensive substrates are a versatile lightweight general purpose green roof growing media ideal for sedum matting systems, and substrate based systems supporting hardier lower maintenance plants such as sedum, wild flowers and grasses. These mixes are used in a wide range of projects from large industrial or commercial buildings to smaller domestic properties.

SAFETY DATA

In the condition sold, the product does not present a hazard to health. The products are not required to carry a hazard label under the chemicals (Hazard information and packaging for supply) Regulations 1994 (CHIP2).

When chipped, brick particles can cause damage to the eyes. Eye protection to B.S. EN 166 should be worn. When products are mechanically crushed, respirable dust will be produced which can contain silica (quartz). Engineering control measures should be employed to keep airborne dust to a minimum. If adequate local exhaust ventilation equipment is not provided, dust masks, or their equivalent, to type FFP2 should be worn.

FIRE

There are no direct risks of fire or explosion from this product.

OFF-LOADING

Ensure that the lifting equipment is suitable and will carry the weight.

FIRST AID

Where particles enter the eye, irrigate well with copious amounts of clean water. Seek medical attention, if necessary. Inhalation of dust, remove to fresh air and seek medical attention, if necessary.

DISPOSAL

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Waste from clay brick is easy to handle, non-toxic and inert. However, its storage and disposal should be carried out in accordance with section 34 of the Environmental Protection Act: Waste Management – The Duty of Care.

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