

Technical Data Sheet

HYDROSOIL MICROHABITAT ACCESSORIES

Microhabitats are an extension to the living roof to encourage pollinators, insects and other invertebrates. Axter offers a range of accessories for use in the creation of a microhabitat.

Boulders

Boulder piles provide larger off ground habitat potential for insects, bats and birds. Boulders also warm up quickly benefiting beetles and butterflies. Axter provide sustainably sourced boulders to complement their green and biodiverse roofs.

Highland cobbles have increased roundness and a smooth texture created by glacial-alluvial movement. Bags contain a mixture of sizes and dimensions.



| Physical properties | |
|---------------------|--------------------|
| Dimensions | 200-400mm Diameter |
| Quantity | 12-24 Per Bulk Bag |
| Packaging | Bulk Bag |
| Approx. Weight | 750-1000kg |

System considerations

- Each bulk bag contains materials to create 3-5 habitats or can be used individually.
- Typical density is 1 pile per 50m².
- Bulk bag contains a mixture of boulders with varying diameter, shape and colours.

Logs

Axter logs are locally sourced and can be used to compliment both living and biodiverse roofs. Logs provide perfect shelter and habitats for birds, small mammals, bees, bats and insects.

Seasoned hardwood logs from locally felled ash, oak beech and sycamore can be used to create habitat features. Bags contain a mixture of logs with both bark on and off.



| Physical properties | |
|---------------------|-------------------------------------|
| Dimensions | Logs – Length 1m Width 100-200mm |
| Packaging | Bulk Bag |
| Approx. Weight | 750-1000kg |

System considerations

- Each bulk bag contains materials to create 3-5 habitats or can be used individually.
- Typical density is 1 pile per 50m².

Sand

Axter Sand is washed and sustainably sourced. It conforms to BS EN 13139:2013 Aggregates for mortar and has a typical moisture content of 7.5%.

A key aspect of every biodiverse system is the provision of habitat areas. Sand piles create areas for invertebrates to burrow and bask.



| Physical properties | |
|---------------------|-------------------|
| Dimensions | 1-4mm |
| Quantity | 0.5m ³ |
| Packaging | Bulk Bag |
| Approx. Weight | 800kg |

System considerations

- Each bulk bag contains materials to create 3-5 habitats or can be used individually.
- Typical density is 1 pile per 50m².



Manila rope

Manila rope coils provide habitat for invertebrates. The fibres are 100% natural and made from fibres obtained from Abacá leaves. The rope will slowly biodegrade over time.

Manila rope is available in various diameters and lengths it is flexible, durable and resistant to UV rays. Manufactured to EN ISO 1181:2004.



Physical properties

| | |
|----------------|-----------------|
| Dimensions | 6-60mm |
| Quantity | 1-100m |
| Packaging | Lengths/Reels |
| Approx. Weight | 1-25kg per 10lm |

System considerations

- Available in various lengths and diameters.
- Made from 100% natural fibres.
- Will shrink when wet and lengthen when dry.
- Diameter of rope is when under strain so finished product often has a larger diameter than stated.

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