



Product Sustainability Analysis

Wooden Modular Compost Bin Lids

Product related questions:

Does your product have independent sustainability certification? For example Forest Stewardship Council (FSC) or certified organic.

All the wood used in manufacture is Scandinavian white wood sourced from an [FSC Certified](#) small family owned forest near to the Arctic in Sweden. All wood is totally traceable. Wood is slow grown for strength and durability. White Wood has a denser grain than pine and is more durable.

Manufacture:

2) Do you manufacture your product in the UK?

Manufactured in UK using local labour

Yes

3) Do you use local labour?

Yes

4) Do you measure the

a) energy: TBC

b) water use: Yes

c) direct greenhouse gas emissions from the manufacture of your product? TBC

If yes, what is the usage per unit of production for:

a) Kw hours Minimal, only for cutting the wood.

b) litres Water use - 0.05lt per unit

c) tonnes/CO2 equivalent: TBC

5) Do you measure the material wasted from the manufacture of your product?

Yes

If yes, what is the wastage per unit?

5gr sawdust per gr wood

6) Do you recycle waste materials?

All wooden waste can be and is reused in one way or another. Sawdust goes for animal bedding locally. Small off cuts are reused by staff

Materials:

7) Do you source the materials for your product from the UK or from abroad?

Composition per unit

Wood 98.54%,
Hemp thread
Hinges, 2 - 1.46%

If from the UK:

How far do your materials come?

7miles
Hinges – Midlands, UK
Thread - UK

If from abroad:

Europe

What is the country of origin? Sweden

If that country has a history of human rights or environmental abuse, do you seek to ensure your suppliers behave in a responsible manner?

N/A, also FSC addresses all environmental matters.

8) Do you seek to use materials with independent certification? For example Fairtrade.

All Wood is [FSC Certificated](#) and fully traceable. Fair Trade and sustainable micro-climates are part of this assessment

9) Do you seek to use environmentally benign materials in your product wherever possible? Please explain. For example, the use of water over solvent based paint.

All wooden products are carefully sourced and protected with a non-toxic water based preservative. This protects the operator, the Environment, the reuse of waste, bugs and worms working in the compost and the plants in the garden.

10) What is your average contract length with your suppliers?

We source purchases locally where possible and contracts are on-going. We have been using the current wood contractor for 10 years.

Product use:

11) Do you deem the use of your product to have a positive or negative impact on the environment? Please explain.

Because we work under the banner **Love Your Environment** we are very conscious of source, quantity and quality of raw materials. In addition the use of a lid for the Wooden Modular Compost Bin is important in that they keep the compost tidy and moreover they will keep out vermin from the Compost. Also we believe that all of our wooden products have a direct environmental benefit in use. They have a good life span and are recyclable and are biodegradable. They are used to enable healthy food to be grown in compost that has been made from waste household materials generated on the site of the fruit or vegetable plot. This promotes healthy eating and healthy living. Organic waste is the most important waste. If it is not separated and gets into the waste stream along with waste

metals, for example, the combination will create toxic methane gasses and poisonous leachate which may poison that part of earth for eons.

12) Does the product require energy to operate i.e. electricity or fuel?

None

13) What is the estimated life span of your product?

Up to 10 years if sited in a well aired position where the wood can dry out after being soaked by the weather. The lifespan can be lengthened by replacing any parts that have already started to decompose and are available for a small cost on our website.

14) How easy would it be for you to extend the life span of you product with for example the use of different materials?

Plastic is the obvious replacement material, but the lifespan is usually less. No reparations are possible. They will not or are slow to decompose composting materials. Further, wood is kinder to the worms and bugs that are part of the composting cycle.

15) Is the finished product recyclable at the end of life?

Yes, and decomposes naturally. The hinges will have to be recycled or, more likely disposed of.