

WASTE REDUCTION OPTIONS FOR EPS

There are four main waste reduction options for EPS packaging:

1. **Reduce** – refers to the reduction of natural resources used. By optimising pack design, moulders can reduce EPS usage, thus reducing environmental burden and cost.
2. **Re-Use** – EPS packaging can be re-used as multi-trip packaging, e.g. for the internal transport of partially assembled goods. Another simple re-use of the packaging is to grind it and use it as soil conditioner to improve drainage and aeration. EPS seed and pot-holding trays are often re-used in this way at garden centres.
3. **Recycle** – is the reprocessing of used EPS packaging to make a new material such as hardwood replacement for making garden furniture, slate replacement for roofing tiles and new plastics items such as coat hangers, CD and video cases
4. **Recover** – EPS has a very high calorific value, higher than that of coal, and can be safely burnt within energy recovery units, or incinerators, without giving off toxic or environmentally damaging fumes

Prepared by EISHI Machinery Co., Ltd. www.eishimachinery.com

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