

PM Davies & Son
Nobley
Walton
Presteigne
LD8 2NU

Evenjobb Poultry Unit

Specification for A Grade – Clean Recycled Wood Chip

This document specifies what will be considered by PM Davies & Son to be Grade A – Clean Recycled Wood for use at Evenjobb Poultry Unit.

General Requirement

Clean recycled wood chip produced in accordance with BSI PAS 111:2012, to the following specification for use as wood fuel for combustion in a boiler which does not comply with the Waste Incineration Directive.

Specification:-

1. Origin

The recycled wood chips must be prepared from predominantly softwood species. Each delivery must comprise of predominantly clean wood. **MDF and chipboard content should be eliminated as far as possible pre-chipping.**

The wood material may comprise of:

- Waste wood packaging
- Clean wood from manufacturers, (not sanding dust)
- Wood from recycled pallets

2. Cleanliness

The recycled fibre must as far as is practically possible, be free from:-

- Chemicals such as paint, preservatives, artificial resins, rot and mildew
- Snow, ice and frozen structures
- Soil, salt, road salt, rocks, stones, plastics, glass, metals and other extraneous materials
- Metal elements both ferrous and non-ferrous
- Plastics, plastic pallet lead boards, polythene, plastic bottles, wrappings, bags or other
- MDF, laminated chipboard, hardboard and wood fines

Acceptable

UNPAINTED & UNTREATED
SOFTWOOD & HARDWOOD

Contamination

MDF / HARDBOARD
MELAMINE / FORMICA / LAMINATED
UNFACED CHIPBOARD / CARDBOARD
FELT / TAR / RUBBER / POLYPHENE
PLASTERBOARD / SOIL / FOLIAGE / TWIGS / STONE /
BRICKS / ROCKS / GLASS / PLASTIC / FOAM / TEXTILES /
RAILWAY SLEEPERS / TELEGRAPH POLES / **ASBESTOS - will
be immediately rejected
(All non-wood elements)**

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- Ideally no tramp material shall be included in the wood and in any event shall be limited to 0.1% by weight (dry basis).
- Wood treated with preservatives such as creosote and chromate copper arsenate MUST NOT be included, any sample deemed to contain these elements will be rejected.

3. EWC Codes

Origin of feedstock:

03 01 05: Production Woodworking, Sawdust, Off Cuts

15 01 03: Waste Wood Packaging

Delivered Material:

19 12 07: Untreated Recycled Fibre

Moisture Content – W25

Annual average of 20% with a minimum and maximum of 15 and 25% respectively

4. Size – G50

<1mm	<4%
1 to 6mm	<20%
6 to 32mm	60 – 100%
>32mm	<20%

Area – max 5 cm sq

Length – max 12 cm

5. Processing

- The clean recycled fibre will be delivered having undergone sorting, pre-processing and chipping.
- The recycled supplier will have undertaken an appropriate level of manual / mechanical picking to remove MDF, Plastics and Metal (ferrous and non-ferrous).
- Chipping / crushing and screening off where required of; the < 5mm and > 100mm fractions to achieve the above specification
- The recycled wood processing operation must exist on a sealed surface
- Pieces of un-chipped / oversize wood are unacceptable (e.g >100mm as above).

6. Inspection

All deliveries will be inspected prior to tipping. Suppliers will be advised of non-conforming material in the delivery. Out of spec material **WILL** be rejected and PM Davies & Son will pass on all costs incurred to the supplier.

7. Quality Assurance & Sustainability

- The material supplied shall be from traceable sustainable sources, the supplier will provide the necessary documentation to support this requirement.
- Only Permitted Wood products are acceptable as material. Waste codes and all relevant processing and transportation permits must be in place prior to deliveries commencing.

8. Modifications to Specification

The purchaser retains the right to review and modify this specification from time to time and in agreement with the suppliers. Reasonable notice (1 month will be given prior to any change).

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