



ARBORICULTURAL BIOMASS FUEL SPECIFICATION

Materials – All hardwoods and softwoods are accepted

Origin

Acceptable sources	Unacceptable materials
From all coniferous and deciduous trees (hardwoods and softwoods)	Wood treated with preservatives such as creosote, chromate copper arsenate and halogenated organic compounds. Plywood, chipboard, MDF, OSB, Hardboard.

Dimensions

A minimum of 80% must fall within the following dimensions

Length	30 – 70mm
Width	10 – 40mm
Thickness	5 – 25mm
Maximum size	Length 150mm, width 80mm, thickness 50mm.
Fines limit	10% to pass through a 5mm square aperture screen
Moisture	≤ 65% at time of delivery for virgin wood (biomass): moisture content above this limit may be acceptable by prior arrangement but this will be reflected in the price.
Bark	Not to exceed 15% by weight

Moisture – Suppliers will take all reasonable measures to ensure that wood is not exposed to unnecessary moisture such as applied by hose reels, spray and deluge type systems in an attempt to control process dust. Only atomised water mist type systems are permitted for this purpose. Material exceeding the limit may not be accepted and will be downgraded.

Quality – All material must be clean and free from contamination (not to exceed 2%) such as listed hazardous wastes, plastic, metal stones, dirt, grit, rubber, oil, toxic chemicals and other unidentified foreign bodies. All material must be free of rot, decay, infestation and fire damage.

Collection/Deliveries – Collection or deliveries will usually be made using walking floors, ejectors, bulk tippers, hooklift containers or skips. Suppliers will need equipment capable of loading over 4.5 metre (15 foot) high trailer sides. Where lorries are provided, demurrage will be charged to the supplier should loading time exceed one hour. Access to the site must be suitable in all weather for 44 tonnes maximum gross weight and lorries must not be expected to go off concrete or tarmac.

Spot testing – Loads may be subject to spot tests on arrival. Suppliers will be notified by telephone of any sub-standard or out of specification loads. This call will be followed up in writing giving exact details of the problems and what action is to be taken.

Downgrading or Rejection – Boomeco reserves the right to downgrade, enact a quantity or price adjustment or reject any load for reasons of non-compliance with this specification. Subsequent deliveries may be cancelled until the reason for the failure has been identified and corrected. All costs incurred will be charged to the supplier's account.

Quality assurance – Suppliers must supply a statement of the procedures employed to ensure that the quality of the material delivered will always meet the above specification. Boomeco may visit the supplier's production site(s) at any reasonable time.