

**Special Conditions of Purchase and Delivery of Biomass  
of  
Papierholz Austria GmbH  
(Version 07/2017)**

In addition to the General Conditions of Purchase and Delivery of Wood agreed to between Papierholz Austria GmbH (subsequently "the Buyer") and their contractual partner(s) (subsequently the Seller) the following is agreed:

**1. BIOFUELS - PRODUCT RANGES:**

All products are to be delivered free of impurities like stones, earth, metal and rubber parts, plastic, clods of ice and earth. The Seller pledges to prove that the product ranges delivered were/are free of impurities and until proof is provided the opposite can be presumed.

- |  |   |
|--|---|
| <b>1.1. BARK (shredded):</b>                 | Definition: Bark generated in debarking plants of the sawmill industry<br>Quality: <ul style="list-style-type: none"><li>• grain size to max. 20 cm length, wood pieces up to 5 cm diameter</li><li>• bark of all types of wood, single-origin or mixed</li></ul>   |
| <b>1.2. BARK (unshredded):</b>               | Definition: Waste bark generated when processing logs in the sawmill industry<br>Quality: <ul style="list-style-type: none"><li>• contains pieces from grain size to more than 20 cm length</li><li>• bark of all types of wood, single-origin or mixed</li></ul>   |
| <b>1.3. FINES:</b>                           | Definition: Fine grained mechanical pulp from mechanical wood processing<br>Quality: <ul style="list-style-type: none"><li>• all types of wood, single-origin or mixed</li></ul>  |
| <b>1.4. WOOD CHIPS:</b>                      | Definition: Wood chips from harvest waste (i.e. knots, prunings, windfalls and splintered wood, cropping, root wood, etc.) and standard wood products and tree species<br>Quality: <ul style="list-style-type: none"><li>• grain size to max. 20 cm length, wood pieces up to 5 cm diameter</li></ul>                                       |
| <b>1.5. (INDUSTRIAL) WOOD CHIPS:</b>         | Definition: Chips from mechanical processing of wood, single-origin or mixed<br>Quality: <ul style="list-style-type: none"><li>• grain size to max. 20 cm length</li><li>• persistent proportion of bark permitted</li></ul>  |
| <b>1.6. FIREWOOD ROUND (hard &amp; soft)</b> | Definition: Hard and soft logs of standard wood products and tree species<br>Quality: <ul style="list-style-type: none"><li>• Hard and soft wood, single-origin or mixed</li><li>• Round logs 2-5 m long, 1-2 m length for separately delivered, whole units</li><li>• properly formed</li><li>• from 5 cm top diameter with bark</li></ul> |
| <b>1.7. WASTE WOOD Q1</b>                    | Definition: Fine wood chips from leftover and waste wood like off-cuts, slabs, splinters, packaging wood, pallets, clean timber<br>Quality: <ul style="list-style-type: none"><li>• natural</li><li>• grain size to more than 20 cm, wood pieces up to 5 cm thick</li></ul>   |
| <b>1.8. WASTE WOOD Q1 (prescribed):</b>      | Definition: Roughly broken waste wood from leftover and waste wood like off-cuts, slabs, splinters, packaging wood, pallets, clean timber<br>Quality: <ul style="list-style-type: none"><li>• natural</li><li>• grain size to more than 20 cm</li></ul>   |
| <b>1.9. TREE CUTTINGS:</b>                   | Definition: Fine chips from bush and tree cuttings from landscaping<br>Quality: <ul style="list-style-type: none"><li>• natural</li><li>• grain size to more than 20 cm, wood pieces up to 5 cm diameter</li><li>• Proportion of green biomass like grass and leaves of max. 20 %</li></ul>   |
| <b>1.10. TREE CUTTINGS (prescribed):</b>     | Definition: Pre-shredded biomass from bush and tree cuttings from landscaping<br>Quality: <ul style="list-style-type: none"><li>• natural</li><li>• grain size to 20-50 cm (pikes up to 1 m permitted)</li><li>• Proportion of green biomass like grass and leaves of max. 20 %</li></ul>   |
| <b>1.11. SPLINTERS:</b>                      | Definition: Waste wood generated by sawing incisions (deciduous and coniferous wood) with or without bark.<br>Delivered in bundles of 1 m – 5 m length<br>Quality: <ul style="list-style-type: none"><li>• minimum thickness from 1,5 x 2 cm</li></ul>  |

**2. DETERMINING QUALITY AND ACCEPTANCE:**

Bark, fines, (industrial) chips and splinters are delivered by volume. The volume of a load is calculated from the base area and height of the load (length x width x height of container +/- over/undersize).

Firewood and wood chips as well as pre-shredded waste wood Q1 and pre-shredded tree cuttings are delivered by determining wet weight or dry content. To do this the wet weight and dry content of each quantity received is determined. The dry content is determined pursuant to the specification for logs (pulpwood and groundwood). On acceptance of short firewood (1-2 m) by weight proper stacking is required.

**Firewood logs of over 80 cm diameter at the thicker end (biomass power plant Heiligenkreuz over 90 cm diameter):**

- Long hardwood (> 2 m) is ballast
- Other firewood logs are used as manipulation wood
- Deliveries of largely rotten wood which is no longer suitable for energy utilisation are ballast

Otherwise the wood acceptance guidelines for biofuels of the Buyer apply, which were brought to the Seller's notice when the contract was concluded and which form an integrated part of the purchase contract. In addition the provisions of the Austrian wood trade practices in the version valid when the contract is concluded apply. The current wood acceptance guidelines for biofuels are also posted at the Buyer's plant in Frantschach and can be viewed on the Buyer's website ([www.papierholz-austria.at](http://www.papierholz-austria.at)).