

# ECO Wood Pellets A2

Ø 6 mm    Ø 8 mm



## INTENDED USE:

The pellets are a wood-based solid bio-fuel intended for combustion in pellet-fired boilers to produce heat energy or for heating purposes.

## COMPOSITION:

Granules pressed at high temperatures and pressures, from selected clean ground coniferous wood sawdust.

## PRODUCT CHARACTERISTICS:

Calorific value – 16500-17000 kJ / kg

A small quantity of ash left after the combustion of pellets up to 12 kg from a ton of pellets burned (1.2%)

Easily stored (1 ton of pellets vacuum-packed into 15 kg bags occupies 2 m<sup>3</sup>)

The ash can be used as fertilizer

"Zero CO<sub>2</sub> emission" – the amount of CO<sub>2</sub> which is being generated during the combustion of pellets is equal to the amount of CO<sub>2</sub> consumed by the plants growing during the photosynthesis process

They do not contain harmful substances

They do not emit cumbersome odors unpleasant for humans

Clean in use - it does not contaminate the rooms unlike other solid fuels, such as coal or eco-pea

## DIMENSIONS:

Diameter ø6 mm / ø8 mm

Length up to 40 mm

Deviation ø±1 mm

## TECHNICAL PARAMETERS:

Total moisture content	10%
Ash content	up to 1.2%
Calorific value	no less than 17000 kJ/kg
Density	from 640 to 670 kg/m <sup>3</sup>
Fine fraction content (dust concentration in a bag)	up to 0.5%

## PELLETS LOGISTIC DATA:

Unit weight	15 kg
Pallet type	1 x 1.2 m (standard)
Number of bags on a pallet [pcs.]	65 pcs. or 70 pcs.
Product weight on a pallet [kg]	975 kg or 1050 kg
Pallet securing type	foil hood and stretch

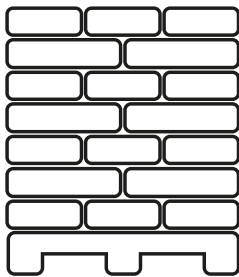
## TRANSPORT:

The cargo should be arranged and secured in line with the transport regulations related to wheeled transport. Package cargo deliveries for 1 pallet or more. Full-trailer deliveries, with canvas cover type, U-shaped type, moving floor type, tanker type semitrailers up to 24 tons. Pellets should be only transported with covered means of wheeled transport.

## PACKAGING:

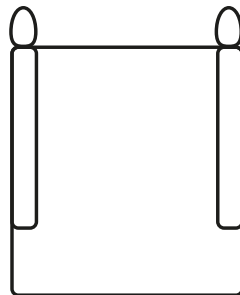
### 1 pallet

65 bags – 975 kg or  
70 bags – 1050 kg



### BIG BAG packaging

weight from 1000 kg  
Pellets in BIG BAGs, at the Buyer's request  
can be packed on a pallet  
1000 mm x 1200 mm

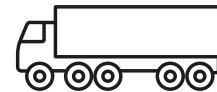


### Transport in bulk

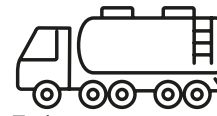
up to 24 tons



Tipper truck



Moving floor and tarpaulin



Tanker

## STORAGE:

We recommend storing pellets in rooms that meet the following requirements:

- roofed building, with a ventilation system
- pellets should be stored in a dry place, and not be exposed to direct precipitation
- pellet bags should be insulated from the ground, by placing them on pallets,
- ready - made pallets with 15 kg bags may be stored one upon another – max. 2 layers.  
In this case, it is recommended to use dividers (wood-based board). The best solution is to lay the pellets in layers on special storage racks.
- pellets in BIG BAG packages, and in bulk, must be only stored in a warehouse hall under the conditions described above

Storing pellets in 15 kg bags and in BIG BAGs under any conditions other than those described can damage the pellets, which is not Biomass Future's responsibility.