

A large industrial machine, a wood pellet mill, is shown in a factory setting. The machine is made of metal and has a large hopper at the top where wood chips are being loaded. The chips are being processed into pellets, which are falling into a collection bin below. The background shows a large window and other industrial equipment.

Silvapel

ENPLUS A1 - WOOD PELLET MILL - TURKEY

Heat you can measure.

Silvapel presses pine and beech sawdust from certified forestry by-products into ENplus A1 pellets, then ships them to European and Asian biomass buyers on a schedule they can plan around.

Product catalogue 2026 · silvapel.com

THE MILL

No tree is cut for a Silvapel pellet.

Our raw material is sawdust and wood chips - the by-product stream of certified forestry and timber processing. It arrives at the mill already separated by species, which is what makes a consistent calorific value possible in the first place.

Drying, milling, conditioning and pressing happen on one line under continuous moisture control. A batch that drifts outside the ENplus A1 window never reaches the bagging station.

Because storage capacity lets us bag ahead of the season, September-to-March demand spikes do not turn into delivery gaps for the buyers who booked early.

17.6

MJ/KG NET CALORIFIC

6.8%

MOISTURE

0.42%

ASH CONTENT

98.6%

DURABILITY



Four formats, one specification.

Diameter and packaging change with the burner and the buyer. The quality window does not.



6 mm residential pellet

Pine and beech blend for domestic stoves and small boilers. Low ash keeps burner cleaning intervals long across a full heating season.

Diameter 6 mm · Class ENplus A1



8 mm industrial pellet

For larger boilers and biomass plants where throughput matters more than pellet count. Same moisture and durability window as the 6 mm line.

Diameter 8 mm · Class ENplus A1



15 kg sealed bag

UV-stable PE bags, 65 to a pallet, stretch-wrapped and corner-protected. The retail format for European distributors.

Pallet 65 bags · Container 1,600 bags



1,000 kg big bag

Bulk format for installers and heating cooperatives handling their own decanting. Lifting loops rated for forklift and crane handling.

Weight 1,000 kg · Container 24 units

Every value, against the standard that governs it.

Measured on the current production run. The right-hand column is the ENplus A1 requirement, not our marketing claim.

PARAMETER	UNIT	SILVAPEL	ENPLUS A1
Moisture	%	6.8	≤ 10
Ash content	%	0.42	≤ 0.7
Mechanical durability	%	98.6	≥ 98.0
Fines below 3.15 mm	%	0.4	≤ 1.0
Net calorific value	MJ/kg	17.6	≥ 16.5
Bulk density	kg/m³	680	600–750
Diameter	mm	6 / 8	6 ± 1 / 8 ± 1
Length	mm	3.15–40	3.15–40
Chlorine	%	0.01	≤ 0.02
Sulphur	%	0.02	≤ 0.04
Nitrogen	%	0.12	≤ 0.3
Ash melting temperature	°C	≥ 1250	≥ 1200

Values are from the most recent batch analysis. A signed analysis accompanies every shipment, so incoming inspection has a document to check against rather than a claim to trust.

Four steps, each with a measurement behind it.

Every stage writes a number into the batch record, which is what makes the ENplus certificate auditable rather than decorative.

01	Sourcing Sawdust and chips from certified forestry by-product streams, separated by species on arrival and logged against supplier.
02	Drying and milling Moisture is brought under 8% and held there. Particle size is normalised before the material reaches the press.
03	Pressing Die pressure and temperature are held in a narrow band. Durability is sampled per batch, not per shipment.
04	Bagging and loading 15 kg bags palletised and wrapped, or big bags filled and weighed. 24 tonnes to a 40 ft container, sealed at the mill.

The certificate is the starting point, not the argument.

ENplus A1	Pellet quality class
FSC	Certified forestry origin
ISO 17225-2	Solid biofuel specification
Batch analysis	Issued per shipment
FOB / CIF	Mersin and Izmir
Phytosanitary	Prepared per destination

Book tonnage before the heating season prices it.

Tell us the destination port, the format and the monthly volume. You get a specification sheet, a batch analysis sample and a firm FOB or CIF price.

E-mail export@silvapel.com

Web silvapel.com

Address Turkey

