

## Spruce wood chips

### Designation

<b>Product ID:</b>	
<b>Description:</b>	Spruce wood chips ( <i>Picea abies</i> ) are standardized, mechanically comminuted wood pieces, produced from round timber or as a byproduct of lumber production.

### Parameter

Item	Unit	Limit
Wood condition		Healthy, i.e. without fungal or insect infestation
		No bark
		Free of metals, stones, and other foreign materials
Types of wood		Pure spruce / fir
Chip dimensions		
Length	mm	≤25
Thickness	mm	3–5
Width	mm	20–30

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## Tolerance and warping limits

<b>Bark</b>	<p>The wood chips should be supplied fundamentally without bark content. Because small percentages cannot be avoided for technical reasons, a bark content of less than 3 % is tolerated.</p> <p>Above 3 %, proportional deduction will be made. Triple the amount will be deducted. Example: Pure bark content of 3 % means 9 % full bark chips, which is deducted in full.</p> <p>(4 % bark—12 % full bark wood chips, etc.)</p> <p>Wood chips with a bark content above 6 % are no longer usable. The shipment will be rejected.</p>
<b>Fine dust</b>	<p>Wood particles &gt; 3 mm. This is established when fractioning wood chips according to the SCAN standard (3 mm perforated sieve), tolerance limit 2 %.</p> <p>Content above this limit will be deducted from the shipment.</p> <p>For example, 3 % fines means a deduction of 1 % of the amount, with a corresponding reduction in price.</p> <p>A statistical method is used to determine the fines content, where a representative sample is taken from every fourth shipping unit and then broken down into individual fractions using a wood chip analyzer.</p> <p>The fines content is determined monthly in this manner, whereby the average value obtained is the baseline for qualitative evaluation of the entire supply of wood chips delivered in the month in question (Procedure No. FPHDA001).</p>
<b>Contaminants in wood chips</b>	<p>This includes plastic, iron, stones, coal, etc. (foreign objects of any kind). The wood chips are then not usable for technical reasons. The shipment will be declined.</p>

Admixture of the following in the wood chips is **not permissible**:

- Shavings
- Sawdust
- Litter
- Profile-cutting fluff
- Sweepings
- Snow

## Release process

This document has been released digitally.

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