



**KAINDL**

**Quality and dimension specifications for saw mill residue, wood chips with bark (spruce, fir, pine, larch, Douglas fir)**

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Dimensions Quality	Standard quality	Secondary quality	Rejects
Length: up to 20% collateral:	> 30 mm < 60 mm > 25 mm < 35 mm	> 15 mm < 30 mm > 60 mm < 80 mm	< 15 mm > 80 mm
Width: (=50% of length) up to 20 % collateral:	>15 mm < 30 mm >10 mm < 35 mm	> 7.5 mm < 15 mm > 40 mm < 60 mm	< 7.5 mm > 60 mm
Thickness: up to 20 % collateral:	> 8 mm < 15 mm > 5 mm < 10 mm	> 3 mm < 8 mm	< 3 mm > 15 mm
Fine chip proportion: ( <1mm )	max. 8%	max. 8%	max. 8%
Quality:	Made from fresh wood, no red striping, no or little blueing.	also made from "dry" wood, up to 50% of the product from red stripe wood, up to 50% heavily blued wood permissible.	More than 50% of wood chips with red striping, rotten chips, more than 50% of the wood chips heavily blued.
Bark proportion:	Only bark adnated to the wood chips is acceptable. The proportion of bark up to 20% is permissible.	Only bark adnated to the chips or max. 5% of bark in loose form (for dry cut wood) A bark proportion of up to 30% is permissible	More than 30% bark proportion, more than 5% of bark loose instead of adnated to chips.
Miscellaneous:	Chips must be exact and smooth, chipped with clean-cutting tools.	Chips cut with poorly maintained blades and counter-blades or with incorrect settings, resulting in the inclusion of threads and long pieces	The entire load will be deemed as an unacceptable reject and returned to the supplier at his own expense if extra bark is added.
	Chips made from old wood are excluded, as are contaminations such as nails, stones and other foreign matter. The supplier will be held liable pursuant to the Product Liability Act for any consequential damage (e.g. cutter spindle, blade sets, etc.).		