



## Wood quality - sorting of the VEH

§16 Sorting regulations for planed goods for outdoor use according to the VEH quality guidelines 2015 (terrace / facade).

designation	Sorting class share	
	A.	B.
VEH A	100%	-
VEH Top	60%	40%
VEH AB	30%	70%
VEH B	-	100%



(1) The sorting regulations apply to all types of softwood. In particular for spruce, fir, pine, larch, Douglas fir, hence abbreviated:

- Fi... ..spruce
- Ta... ..fir
- Ki... ..kiefer
- Lä... ..larch
- Thu... ..Douglas

(2) The following standards apply to planed timber made from hardwood:

- EN 14915
- EN 13629

(3) Origin: European and Nordic / Siberian

VEH A

VEH B

## VEH A

## VEH B

### Branches

**PERMITTED:**

Firmly overgrown and healthy branches in any number, size max. 25% of the board or profile board width. Partly overgrown, bark-rimmed and dead knots up to 1 piece per running meter, distributed arbitrarily over the board length, size up to 20% of the board width.

Isolated black knots up to 5 mm in diameter are permitted and are not taken into account. For boards made of rift and half rift, the above knot sizes +20 mm apply.

**NOT PERMITTED:**

Loose and unusual branches. End-grain dowels not permitted.

**PERMITTED:**

Fixed **knots**, partially overgrown knots, bark-rimmed knots in any number.

Wing branches and dead (not overgrown) branches up to 1 piece per running meter distributed over the board length as required. Occasional black point knots

up to 5 mm in diameter are permitted and are not taken into account. b> 100 mm: branch size max. 10% of the board or profile board width

+40 mm.

b <100 mm: branch size max. 60% of the board or profile board width.

**NOT PERMITTED:**

Loose and unusual branches. End-grain dowels not permitted.

### Chipped and damaged areas

**PERMITTED:**

At max. 15% of the goods tears or knots knocked out up to max. 15 mm diameter.

**PERMITTED: Tears**

or knocked out **knots** up to max. 30 mm diameter.

### Printing wood (box)

**ALLOWED:**

Provided that the overall impression is not impaired.

**ALLOWED**

### deformation

**PERMITTED:**

Boards with curvature and twist, provided that proper installation is guaranteed.

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### Resin galls

**PERMITTED:**

Size up to 3 mm x 40 mm or 120 mm<sup>2</sup> accordingly.  
Quantity : up to 1 piece per running meter, distributed as required over the length of the board. Resin pockets up to 1 mm x 20 mm are not taken into account.

**PERMITTED:**

Size up to 5 mm x 60 mm or 300 mm<sup>2</sup> accordingly.  
Quantity : up to 3 pieces per running meter, distributed as required over the length of the board. Resin pockets up to 3 mm x 40 mm are not taken into account.

### Cracks

**PERMITTED:**

Non-continuous surface cracks (hairline cracks) on the visible surface. At max. 20% of the goods through end cracks no longer than the board width.

**PERMITTED:**

Non-continuous surface cracks on the visible surface. Continuous end cracks, no longer than 1.5 times the width of the piece.

**NOT ALLOWED:**

ring **peelings**

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### Pith

**PERMITTED:**

At max. 15% of the goods on the visible surface up to max. 30% of the board length and max. 5 mm wide.

**ALLOWED**

## colour

### **ALLOWED:**

discoloration on the back. Slight discoloration on the visible side at max. 30% of the goods.  
Splint is not considered a discoloration.

### **PERMISSIBLE:**

Slight discoloration on the visible side (e.g. red and blue spots).  
Discoloration on the back. In Siberian larch: slight color differences (e.g. water spots).  
Splint is not considered a discoloration.

## Sapwood

### **PERMITTED: Visible**

side practically splint-free. Back up to max. 30% of the goods up to 50% of the board width.

### **PERMITTED:**

On the back, the core portion must be present at least over the entire length of the board. Max. 30% of the visible area at max. 50% of the goods.

## Fungal attack

**NOT PERMITTED: For**  
exceptions, see "Color"

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exceptions, see "Color"

## Insect infestation

**NOT PERMITTED**

**NOT PERMITTED**

## Edge of tree

### **PERMITTED:**

On the back, but professional installation must be guaranteed

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On the back, but professional installation must be guaranteed

### **NOT PERMITTED:**

On the visible side

### **NOT PERMITTED:**

On the visible side

## Ingrown bark

**NOT PERMITTED**

### **PERMITTED:**

In the permitted branch size or correspondingly in mm<sup>2</sup>.