



BERNECK S.A PAINEIS E SERRADOS-001 VS  
RUA DR. VALERIO SOBANIA, 500  
ARAUCARIA - PR - BRAZIL CEP: 83706530  
Phone: +(55)41 2109-3700 - Fax: +(55)41 2109-3741  
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## Technical information - PINE LUMBER

Species: *Pinus elliottis* and *Pinus taeda*

Density: from 490 to 600 kg/m<sup>3</sup>

NOTE: Our product is Kiln Dried and has a Moisture Content of between 8 and 12%.

\* Special orders upon request.

Tolerances for Rough Sawn Lumber

Thicknesses: -1/+2 mm

Widths: -1/+2 mm

Lengths: -5/+20 mm

Tolerances for S4S

Thicknesses: +/- 0 mm

Widths: +/- 0 mm

Lengths: +/- 0 mm

We are able to fit around 46m<sup>3</sup> to 48m<sup>3</sup> in a 40' High Cube Container



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**Packaging Specification for PINE LUMBER**

| Dimensions (mm) |       | No of Pieces |        |       | Package Sizes (mm) |       |
|-----------------|-------|--------------|--------|-------|--------------------|-------|
| Thick           | Width | Vert.        | Horiz. | Total | Height             | Width |
| 19              | 75    | 53           | 13     | 689   | 1007               | 975   |
|                 | 100   | 53           | 10     | 530   | 1007               | 1000  |
|                 | 120   | 53           | 8      | 424   | 1007               | 960   |
|                 | 125   | 53           | 8      | 424   | 1007               | 1000  |
|                 | 140   | 53           | 7      | 371   | 1007               | 980   |
|                 | 150   | 53           | 7      | 371   | 1007               | 1050  |
|                 | 160   | 53           | 6      | 318   | 1007               | 960   |
|                 | 175   | 53           | 6      | 318   | 1007               | 1050  |
|                 | 180   | 53           | 6      | 318   | 1007               | 1080  |
|                 | 200   | 53           | 5      | 265   | 1007               | 1000  |
| 22              | 75    | 47           | 13     | 611   | 1034               | 975   |
|                 | 100   | 47           | 10     | 470   | 1034               | 1000  |
|                 | 120   | 47           | 8      | 376   | 1034               | 960   |
|                 | 125   | 47           | 8      | 376   | 1034               | 1000  |
|                 | 140   | 47           | 7      | 329   | 1034               | 980   |
|                 | 150   | 47           | 7      | 329   | 1034               | 1050  |
|                 | 160   | 47           | 6      | 282   | 1034               | 960   |
|                 | 175   | 47           | 6      | 282   | 1034               | 1050  |
|                 | 180   | 47           | 6      | 282   | 1034               | 1080  |
|                 | 200   | 47           | 5      | 235   | 1034               | 1000  |
| 25              | 75    | 43           | 13     | 559   | 1075               | 975   |
|                 | 100   | 43           | 10     | 430   | 1075               | 1000  |
|                 | 125   | 43           | 8      | 344   | 1075               | 1000  |
|                 | 150   | 43           | 7      | 301   | 1075               | 1050  |
|                 | 175   | 43           | 6      | 258   | 1075               | 1050  |
|                 | 200   | 43           | 5      | 215   | 1075               | 1000  |
| 28              | 75    | 38           | 13     | 494   | 1064               | 975   |
|                 | 100   | 38           | 10     | 380   | 1064               | 1000  |
|                 | 125   | 38           | 8      | 304   | 1064               | 1000  |
|                 | 150   | 38           | 7      | 266   | 1064               | 1050  |
|                 | 175   | 38           | 6      | 228   | 1064               | 1050  |
|                 | 200   | 38           | 5      | 190   | 1064               | 1000  |
| 32              | 75    | 34           | 13     | 442   | 1088               | 975   |
|                 | 100   | 34           | 10     | 340   | 1088               | 1000  |
|                 | 125   | 34           | 8      | 272   | 1088               | 1000  |
|                 | 150   | 34           | 7      | 238   | 1088               | 1050  |
|                 | 175   | 34           | 6      | 204   | 1088               | 1050  |
|                 | 200   | 34           | 5      | 170   | 1088               | 1000  |
|                 | 75    | 30           | 13     | 390   | 1080               | 975   |
|                 | 100   | 30           | 10     | 300   | 1080               | 1000  |

| Lengths |      | No Skids | No Bands |
|---------|------|----------|----------|
| (mm)    | (ft) |          |          |
| 1830    | 6    | 2        | 3        |
| 2000    | -    | 2        | 3        |
| 2135    | 7    | 2        | 3        |
| 2440    | 8    | 2        | 4        |
| 2500    | -    | 2        | 4        |
| 2745    | 9    | 2        | 4        |
| 3000    | -    | 3        | 5        |
| 3050    | 10   | 3        | 5        |
| 3355    | 11   | 3        | 5        |
| 3500    | -    | 3        | 5        |
| 3660    | 12   | 4        | 6        |
| 3965    | 13   | 4        | 6        |
| 4000    | -    | 4        | 6        |
| 4270    | 14   | 4        | 6        |
| 4500    | -    | 4        | 6        |
| 4575    | 15   | 4        | 6        |
| 4880    | 16   | 4        | 6        |
| 5000    | -    | 4        | 6        |

|           |            |    |    |            |      |      |
|-----------|------------|----|----|------------|------|------|
| <b>36</b> | <b>125</b> | 30 | 8  | <b>240</b> | 1080 | 1000 |
|           | <b>150</b> | 30 | 7  | <b>210</b> | 1080 | 1050 |
|           | <b>175</b> | 30 | 6  | <b>180</b> | 1080 | 1050 |
|           | <b>200</b> | 30 | 5  | <b>150</b> | 1080 | 1000 |
| <b>38</b> | <b>75</b>  | 28 | 13 | <b>364</b> | 1064 | 975  |
|           | <b>100</b> | 28 | 10 | <b>280</b> | 1064 | 1000 |
|           | <b>125</b> | 28 | 8  | <b>224</b> | 1064 | 1000 |
|           | <b>150</b> | 28 | 7  | <b>196</b> | 1064 | 1050 |
|           | <b>175</b> | 28 | 6  | <b>168</b> | 1064 | 1050 |
|           | <b>200</b> | 28 | 5  | <b>140</b> | 1064 | 1000 |
| <b>42</b> | <b>75</b>  | 26 | 13 | <b>338</b> | 1092 | 975  |
|           | <b>100</b> | 26 | 10 | <b>260</b> | 1092 | 1000 |
|           | <b>125</b> | 26 | 8  | <b>208</b> | 1092 | 1000 |
|           | <b>150</b> | 26 | 7  | <b>182</b> | 1092 | 1050 |
|           | <b>175</b> | 26 | 6  | <b>156</b> | 1092 | 1050 |
|           | <b>200</b> | 26 | 5  | <b>130</b> | 1092 | 1000 |
| <b>50</b> | <b>75</b>  | 21 | 13 | <b>273</b> | 1050 | 975  |
|           | <b>100</b> | 21 | 10 | <b>210</b> | 1050 | 1000 |
|           | <b>125</b> | 21 | 8  | <b>168</b> | 1050 | 1000 |
|           | <b>150</b> | 21 | 7  | <b>147</b> | 1050 | 1050 |
|           | <b>175</b> | 21 | 6  | <b>126</b> | 1050 | 1050 |
|           | <b>200</b> | 21 | 5  | <b>105</b> | 1050 | 1000 |
| <b>64</b> | <b>75</b>  | 16 | 13 | <b>208</b> | 1024 | 975  |
|           | <b>100</b> | 16 | 10 | <b>160</b> | 1024 | 1000 |
|           | <b>125</b> | 16 | 8  | <b>128</b> | 1024 | 1000 |
|           | <b>150</b> | 16 | 7  | <b>112</b> | 1024 | 1050 |
|           | <b>175</b> | 16 | 6  | <b>96</b>  | 1024 | 1050 |
|           | <b>200</b> | 16 | 5  | <b>80</b>  | 1024 | 1000 |
| <b>75</b> | <b>75</b>  | 14 | 13 | <b>182</b> | 1050 | 975  |
|           | <b>100</b> | 14 | 10 | <b>140</b> | 1050 | 1000 |
|           | <b>125</b> | 14 | 8  | <b>112</b> | 1050 | 1000 |
|           | <b>150</b> | 14 | 7  | <b>98</b>  | 1050 | 1050 |
|           | <b>175</b> | 14 | 6  | <b>84</b>  | 1050 | 1050 |
|           | <b>200</b> | 14 | 5  | <b>70</b>  | 1050 | 1000 |