

## **RESISTANCE OF WOODEN LACQUERED SURFACE TO SCRATCHING**

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### **ABSTRACT**

*Atlas cedar (Cedrus atlantica Man.) is a typical tree species for the regions of North Africa. Trees reach a significant height of 35-65 m. The diameter of the trunk at the chest height ranges between 0.9-1.8 m that gives it a considerable economic interest. The hard core wood could be coloured from reddish brown to dark brown. The sapwood is with light brown to grey colour. The average density of wood is 550 kg/m<sup>3</sup>, ranging from 500 to 600 kg/m<sup>3</sup>. This tree species was introduced in Bulgaria at the beginning of the last century in parks and gardens. In the middle of the last century, forestlands were afforested in the regions of Haskovo and Kardzhali, so the quality of the wood should be known in view of its use. There is information that it is very suitable for making furniture, windows, doors and musical instruments. The conducted studies show that for our region the mechanical indicators of cedar are with better properties than those of Pinus sylvestris L.*

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