

Royal-Lac™ performance in vibrational tests of spruce soundboard wood

A recent article published in the Savart Journal compares the effect of four finishes on the vibrational properties of spruce soundboard wood. Dewaxed Shellac, Nitrocellulose guitar lacquer, Royal-Lac™ and Royal-Lac™ Aerosol formulation were used for the tests.

With respect to the effect on soundboard wood vibrational properties, Royal-Lac™ was found to perform as well as traditionally used de-waxed shellac and guitar nitrocellulose lacquer.

The full article, “The Effect of Finishes on the Vibration Properties of Spruce Guitar Soundboard Wood” can be found on-line at:

<http://savartjournal.org/index.php/sj/article/view/25>

From the abstract of the paper:

“Finishes serve to protect and enhance the beauty of musical instruments. Also, it is well-known that finishes can modify the acoustics of an instrument. This study reports the results of tests of the effect of a sealer and four top coat finishes on the vibration properties of spruce guitar soundboard wood.”

The Savart Journal is an open access online journal featuring peer reviewed research articles on the science and technology of stringed musical instruments.