PROPERTIES OF NITROCELLULOSE LACQUER ON PLYWOOD

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ABSTRACT

Finishing is the last process of manufacturing furniture but it is an important a process that will determine the value of the furniture. The finishing properties of coating material (Nitrocellulose lacquer) on plywood with different coating system were ascertained. The objective of this study is to determine the best finishing system and properties of Nitrocellulose lacquer. The finishing method will be used is spray. Four types of finishing testing were used to determine the properties of Nitrocellulose lacquer. There are cigarette test, cross hatch test, pencil hardness test, and household test. This study are used the European Standard EN 14323:2004 has the status of British Standard for the testing method and procedures. The resistance to stain, pencil hardness, and adherence test gives a better performance in this testing. Meanwhile, the cigarette test result is burnt.