

Evaluating the Effect of Different Finishing Materials

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EVALUATING THE EFFECT OF DIFFERENT FINISHING MATERIALS

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Abstract

Process of finishing is the last and critical process. The application of finishing is very important is it to protect the surface and also to improve the aesthetic qualities of the timbers. Furthermore, helps to improve the attractiveness of the surface texture, durability and dimensional stability. In this study, a slighter known species mix Meranti (*Shorea spp.*) was used as a panel commercial or samples. Expressly, this study is carried out the suitability of two types of finishing material i.e. Acid Catalyst Lacquer and Nitrocellulose lacquer. Moreover, to determine a difference quality both of acid catalyst and nitrocellulose. From this study, AC lacquer shows a good for cold check test and for resistance to household (liquid), but less for the adhesion test (cross-cut), resistance to household (chemical) and resistance to household (solvent). For cold check test, NC lacquer shows a less performance, besides resistance to household (Chemical), resistance to household (solvent) and resistance to household (liquid). But it is good performance in the adhesion test (cross-cut). In manufacturing, AC lacquer is suitable to use in the finishing process to the products for mix Meranti (*Shorea spp.*) compared to Nitrocellulose Lacquer.