

INTISARI

Tugas akhir ini bertujuan untuk mengkaji pengaruh penggunaan binder urethan dan pengurangan *wax* terhadap kerekatan cat tutup pada artikel *black batting glove* berdasarkan literatur, serta mengidentifikasi faktor-faktor yang berpengaruh. Tahapan proses tugas akhir yang dilaksanakan terdiri dari pelaksanaan kegiatan magang, identifikasi masalah, serta penyelesaian masalah berdasarkan literatur. Pelaksanaan magang dilaksanakan selama 1 bulan (11 Februari - 17 Maret 2020), bertempat di Jogja Kurnia Leather. Fokus magang yang dipelajari adalah proses *finishing* artikel *black batting glove*. Saran penyelesaian masalah kerekatan cat tutup adalah dengan menambahkan binder termoplastik berupa binder urethan Melio Promul AP-39 sebanyak 100 gr/sqft dan pengurangan *wax* sebanyak 20 gr/sqft. Bahan baku yang digunakan adalah kulit krust domba *atau kambing* dengan kualitas AB, C dan D dengan tebal *shaving* 0,4-0,45 mm. Bahan kimia yang digunakan dalam proses *finishing* adalah PU *Adhesive*, Melio Resin A-821, Melio Resin A-777, Ground NU, Filler D, dan pigment hitam. Berdasarkan kajian literatur yang dilakukan penambahan binder urethan dapat meningkatkan kerekatan cat tutup pada kulit. Penggunaan *wax* yang berlebih dapat mengurangi tingkat adhesi cat tutup terhadap kulit sehingga dengan pengurangan penggunaan *wax* dan penambahan binder tentunya dapat meningkatkan kerekatan cat tutup pada artikel *black batting glove*.

Kata kunci: *Finishing, Batting glove, Binder, Wax, Adhesi*

ABSTRACT

This final project aims to examine the effect of the use of urethan binder and wax reduction on the adhesiveness of the lid on the black batting glove article based on the literature, as well as identifying the influential factors. Stages of the final project process carried out consists of carrying out apprenticeship activities, problem identification, and problem solving based on the literature. The internship will be held for 1 month (11 February - 17 March 2020), located in Jogja Kurnia Leather. The focus of the internship studied was the process of finishing a black batting glove article. Suggestions to solve the problem of glue Adhesi of the lid is to add a thermoplastic binder in the form of a 100gr/sqft Melio Promul AP-39 urinder and a wax reduction of 20gr/sqft. The raw material used is the skin of sheep or goat crust with quality AB, C and D with thick shaving 0.4-0.45 mm. The chemicals used in the finishing process are PU Adhesive, Melio Resin A-821, Melio Resin A-777, Ground NU, Filler D, and black pigment. Based on the literature review, the addition of urethan binder can increase the adhesiveness of the paint on the skin. The use of excess wax can reduce the level of Adhesion of the lid to the skin so that by reducing the use of wax and the addition of a binder can certainly increase the adhesiveness of the paint on the black batting glove article.

Keywords: Finishing, Batting glove, Binder, Wax, Adhesion