

**ANALISIS PENGARUH NILAI CAMPURAN RESIN DAN CAT  
TERHADAP KEKERASAN DAN KEREKATAN CAT PADA MEDIA  
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**ABSTRACT**

This study aims to determine the effect of the resin mixture value with a value of 60% to 90% on the hardness and adhesion of the paint to be tested using a hardness tester and a cross cut test tool. This research uses a Vickers type hardness tester which aims to measure the hardness of the paint to determine the value of each specimen, for the cross cut test tool is used to test paint adhesion using ISO 2409:2007, DIN 927-3 and ASTM D33002 and ASTM D3359 From this test, you can find out the presentation of the peeling product. The lowest paint hardness test result is 0.9HV with a resin value of 90% while the highest hardness value is 1.2 HV with a resin value of 70%. The results of the lowest paint adhesion test were 3B with a resin value of 90% while the highest adhesiveness value was 5B with a resin value of 60%. It can be concluded that the excessive resin mixture value is not good for the hardness value and is not good for the paint adhesion quality.