

***EFFECT OF NATURAL RUBBER ON
CHARACTERISTICS
AC-WC ASPHALT MIXTURE***

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ABSTRACT

Latex is natural rubber found in Indonesian plantations. The use of natural rubber is intended as a modification to obtain good asphalt quality, by utilizing it into the AC-WC concrete asphalt mixture. The method used is marshall testing with reference to the 2018 Binamarga. The Asphalt Plan used is 5.5% which meets the 2018 Binamarga specification value with a Stability value of 1905kg. The results of the research on the use of latex variations of 5%, 6%, 7%, 8% show that the optimum asphalt content fulfills all the stability parameter values, flow, VMA, VFA, VIM, MQ from the 2018 binamarga specifications. The latex variation of 8% is asphalt content. maximum with a stability value of 1194kg.

Keywords : *_Natural Rubber (Latex), AC-WC, Marshall Test.*