ABSTRACT

Paving block is a material composition buildings that are made from the mix portland cement or raw materials adhesive hydraulic stuff, water and electric generator with or without adhesive hydraulic stuff, that did not reduce the quality of Paving Block. This Innovation is aimed to knows the best composition of additional Lapindo mud and Fly ash in Paving Block to compressive strength testing in certain age to determine the quality of Paving Block by comparing SNI. And process the Lapindo Mud and Fly Ash into additional paving materials with the intention of reducing waste Lapindo mud and Fly Ash

The process of making it will be done with steps are Mixing all the ingredients with the composition that has been the following; Put palete into the print tools Paving Block; Put mixed material that has been more homogeneous into mold Paving Block print tools that are in Paving Block (multi block); Operate equipment maker Paving Block to Paving Block leaf to make a solid; bring more have been Paving Block so from print tools Paving Block; After age 1, take this one day Paving Block from lifting that does not stick harder; Let Paving Block variable according to age is defined (7 days, 14 days, 28 days) to be tested compressive strength

From this Innovation can be concluded that the best composition that can be used in any Paving Block is variables 2 (10% Fly ash and 20% Lapindo mud) with strong hit 134.603 kg/cm2 footprint - about; test result absorbed water in variable 1 (10% Lapindo mud and 10% Fly as) have water absorption at least a 5 percent. Paving Block sold with the price Rp 900,- with the investment cost for 3 years.

Key words : Paving block, Cement, Fly ash, and Lapindo mud