

The number of experiment thing for each composition of mortar on every kind of Testing, that is :

- 1) Visual observation test 10.
- 2) The Testing of the flactife strenght 10.
- 3) The Testing of water absorption 10.
- 4) The Testing of water leaping 10.

So for each mortar composition has the number of sample 40 numbers.

There are eight kinds of mortar composition so the wholes of material test are 320 numbers.

The analysis used is Descriptive Statistic. It's conducted the count the value of average elasticity and pantiles porosity.

The results of this research concludes that

- 1) The characteristic of material can fulfil the requirements for Cement Pantiles.
- 2) The material composition which is efficient and suitable for quality I is that, mortar 1 PC : 2 Mill : 4 Sand and quality II is that mortar 1 PC : 2 Mill : 5 Sand and 1 PC: 3 Mill :4 Sand.
- 3) The making of Cement Panatelas which can produce Standard quality the value of skimp 7 – 11 can with factor of pressure 40 Kg /cm² in 4 – 5 Second.
- 4) The quality control can produce the lowest elasticity more than 80% from the average of elasticity.

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