

ABSTRACTIONS

This experiment only determine strong correlation depress to age 28 day. Object making test adapted by standard of ASTM C-109 of the size 50mm x 50mm x 50 mm. Strength compression this research investigated at age 3,7,14,21,28 day. Later;Then the strong result depress corelate to strength depress age 28 day. In each variation of age mortar made by 18 object test.

From this research obtained result that along increase old age mortar happened the strong value increase depress mortar. Strong value increase depress which signifikan became of age 3 up to 7 day.. Assess strong correlation depress mortar this research obtained result $y = 79.663\ln(x + 75.672)$

Keyword: strength depress mortar, variation of age, correlation function.