
ABSTRACT

*Title: Alternatif Review Design Pekerjaan Dinding Bata Ringan Menjadi Dinding Wall Block (Studi Kasus Proyek Pembangunan “Universitas Trisakti” di Sentul City),
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At the construction of Trisakti Sentul City-Bogor University project, there is a considerable deviation of -13.60%. Then there is an indication to accelerate. from the analysis of the remaining work is still a big weight is on the work of architectural facade of the 4th floor to 7th floor wherein the exterior wall work is 8.97% of the exterior, so the idea came from the owner to do a review of the exterior wall design in the hope can speed up the execution time without changing the function of the initial wall design that is using lightweight bricks. For that writer intends to analyze by using Wall Block wall material.

The results showed that the cost of wall installation work using light brick per square meter is Rp 292,800,00 and the total cost is Rp 303.663.360,00 while wall installation using Wall Block wall per square meter is Rp 245,500,00 and the total cost is Rp 181,473 .600,00. In terms of time required for wall installation work based on daily productivity data with productivity per day 1 group of workers with 3 artisans 2 assistant workers with effective working time 1hari = 7 hours. For a total volume of light brick work of 739, 20 m2 can be completed with time 34, 98 days rounded up to 35 days. And on Wall Block wall work with total volume of 739, 20 m2 can be completed with 18, 80 days rounded up to 19 days.

Keywords: *Calculation Time and cost, Wall Block, Lightweight Brick Wall*

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