

ABSTRACT

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METHODS FOR IMPLEMENTING CASTING OF COLUMNS, BEAMS, AND FLOOR PLATES IN BINTARO JAYA XCHANGE MALL PROJECT PHASE II

The Bintaro Jaya Xchange Mall Phase II construction project carried at the Bintaro Jaya Xchange Mall complex with a total area of ± 108.433 m². In the Bintaro Jaya Xchange Mall Phase II construction project, there are construction works of columns, beams, and floor slabs. Practitioners have the opportunity to carry out work in the stages of superstructure work, namely the execution of column, beam, and floor slab work. The practitioner supervises the flow of the execution of the lower structure work carried out by the Contractor PT. Jaya Construction Manggala Pratama, Tbk. Starts of the preparation process, until the concrete has been poured in some parts. The system in partial 1 of the Bintaro Jaya Xchange Mall phase II project is a system of 2 casted floors and 1 removable floor. This process is carried out to maintain the strength of the curing concrete until it reaches the targeted concrete strength. Within 28 days (during the treatment of the concrete until it reaches the strength of the concrete) scaffolding, formwork, and reinforcement will be installed from the beams & floor slabs above the columns. If the concrete treatment has been completed, do the maintenance and floor slabs.

Keywords: Construction, Columns, Beams and Floor Slabs