

CONCRETE PAVERS/BLOCKS OVER TIMBER IN CONCRETE SLAB SHUTTERING.

By: Eco-Works Construction Limited

The Construction of Formwork takes time and involves expenditure of up to 20 to 25% of the cost of the structure or even more. The design of these temporary structures is usually made to economic expenditure. Formwork can be made out of timber, steel, concrete blocks and fiber Glass. Timber is the most common material used for formwork. Eco-works Construction recommends the use of Rectangular Concrete Pavers/Concrete Blocks in concrete slab shuttering in the sense that:

1. Concrete Pavers are more economical compared to Timber. Practically in projects where concrete Pavers have been used as a substitute of timber in the construction of a concrete slab, there has been a saving of about 70% to 80% of the resources that were allocated for the purchase of timber.
 2. Concrete pavers are easy to maintain, hence making them cost efficient than timber which requires used oil to maintain.
 3. Pavers are durable than timber. Pavers can be used over and over again while timber can only be used once or twice. As timber can warp, swell and shrink.
 4. Pavers are aesthetically pleasing than timber. Pavers look more attractive when being used for both the client and the contractor.
 5. Pavers make mobility much more easily compared to Timber. Therefore pavers make work easier than Timber.
 6. Concrete Pavers are safer than Timber. Timber involves nails when shuttering while pavers only require placement making them simple.
 7. Concrete Pavers are resistant to factors like water and fire unlike Timber.
- Concrete blocks and pavers shape can range from large square forms and classic brick shapes to elongated ones. There are also concrete replicas of natural stones, bricks, and other materials. They are created with durability and strength in mind.

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