

*A.M. Yugov, Dhc (Eng.), Prof.
V.V. Taran, PhD (Eng.), Associated Prof.
R.A. Taran, PhD (Eng.)*

Donbas National Academy of Civil Engineering and Architecture, Makeevka

RATIONAL TECHNOLOGY OF ERECTION OF MONOLITHIC THE RECTANGULAR COMPRESSED ELEMENTS WITH HARD REINFORCED

Considered constructive-technological solution to erection of monolithic columns with a rigid reinforcement in civil buildings. See the section columns with different types of reinforcement in flat construction. The article describes the basic comparative indicators on technology of erection of monolithic compressed elements with hard reinforced in the inventory and the concrete forms of magnesite in the form of plates. The comparative analysis on material consumption, labour and cost of the construction of one column described decisions.

Keywords: *compressed elements, a column, a rigid reinforcement, magnesite, permanent shuttering panels, processability, labor costs.*