

UDC 691.327.3:624.014.2

S.A. Guds, PhD, senior lecturer

Yu.O. Avramenko, PhD, senior lecturer

V.O. Sirobaba, master student

Poltava National Technical Yuri Kondratyuk University

COMPARISON BEHAVIOR OF LIGHT-WEIGHT CONCRETES THAT USED FOR ENLARGEMENT BEARING CAPACITY OF LSTS

This article presents comparison behavior of light-weight concretes. References of LSTS constructions enhancing with light-weight concretes are expound.

Keywords: *light steel thin-walled structures, ceramsite concrete, polystyrene concrete, cement wood, foam concrete, cellular concrete.*