

## CONSTRUCTION

### The "Dnepr" Building - Possible Use In The North

The Pavlodar Experimental Factory for the Manufacture of Mobile Buildings is making container-type buildings using the "Dnepr" construction system.

### What this innovation is all about and how it can be used

The "Dnepr" system can be used in various types of climate throughout the country. It is intended for both linear and pioneer industrial and communal services purposes, as well as for housing complexes for construction and installation organizations. It uses an insulating material made from basalt rock, which makes it possible for people to work in the building even when the temperature outside falls to minus forty degrees centigrade.

The "Dnepr" system buildings consist of a set of basic module-containers, each of which measures 6 by 3 by 2.85 metres. It includes removable linear walls and final-finishing elements with corridor additions. The premises have working and auxiliary rooms, where metal-working and work-processing units can be installed. There is also a lobby space, which as a rule is used for communal purposes. A pourable polymer compound is used to provide total hermetic sealing of the building and this makes it resistant to heavy rains, snowstorms and gale-force winds.