



TROUGHS

Concrete troughs are used broadly to protect pipes, heat mains, and electric cables from ambient elements in regular and specific soil conditions.

Concrete troughs are used in industrial and civic construction to build communication channels, lay pipework, electric cables and buses of various purposes. Trough channel structures may be used in regular soils and when building in specific conditions: in collapsing soils, high groundwater saturation, in areas with seismic value up to 9.

Concrete troughs are manufactured from concrete mixture based on Portland cement of grade M-400 and higher. In the event the trough is to be installed in an aggressive environment, sulfate-resistant Portland cement is used. Class AI and AIII rods are used as the reinforcement for the trough frame.

There are several types of concrete troughs:

motorway

gutter

drainage

heat-main casing

collector crawlway

The first three types of troughs are used to divert thaw, ground and storm water off the site. The troughs and casing for heat mains prevent damage to pipework. Collector crawlways are used to protect heat mains from surface and ground water.

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