



# GEO-JOIST

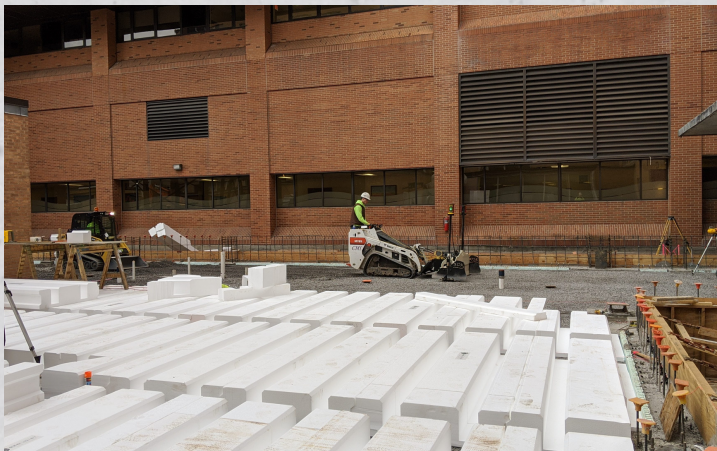
STRUCTURAL FLOOR SLABS, ELEVATED WALKWAYS AND DOCKS.

## What is Geo-Joist?

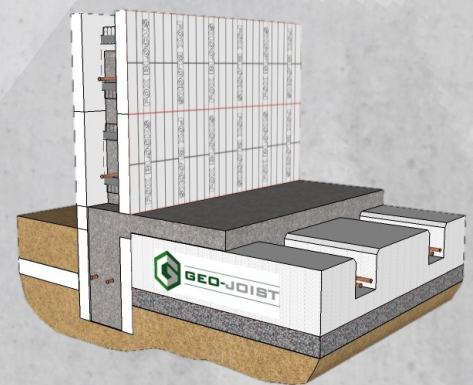
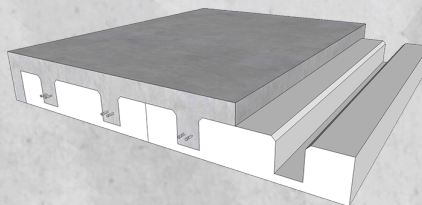
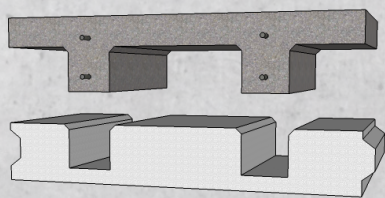
Geo-Joist is an engineered stay-in-place formwork, that provides an energy efficient, fast track and cost-effective building system.

The Geo-Joist system was developed for where there is a need to span large areas of unstable soil without adding excessive weight to the slab. Geo-Joist reduces the slab thickness and weight while increasing the strength due to cast-in-place joints.

Geo-Joist is made out of EPS insulation which has a high R-Value and compression strength, as well as a high energy performance. The insulating properties of Geo-Joist make it perfect for when in-floor heating is needed.



Geo-joist acts as a vapor barrier, and eliminates the need for frost walls. Considerable costs from the hauling of spoils, structural fill, and excavation are saved when using Geo-Joist, because of the varying thicknesses available that provide a solution for a variety of needs.







## SUSTAINABLE SOLUTIONS FOR COMMERCIAL CONSTRUCTION



Geo-Joist helps reduce the amount of concrete needed to span large distances like this elevated walkway at U of R University, while increasing the strength of the slab due to its innovative engineering.



- ◆ **Structural Floor Slabs**
- ◆ **Docks**
- ◆ **Elevated Walkways**
- ◆ **Equipment Bases**
- ◆ **Other Structural Slabs**



Above: A Geo-Joist dock along the Erie Canal, NY. Geo-Joist was a perfect solution for this dock, because of its ability to span large areas without excessive weight from extra concrete.