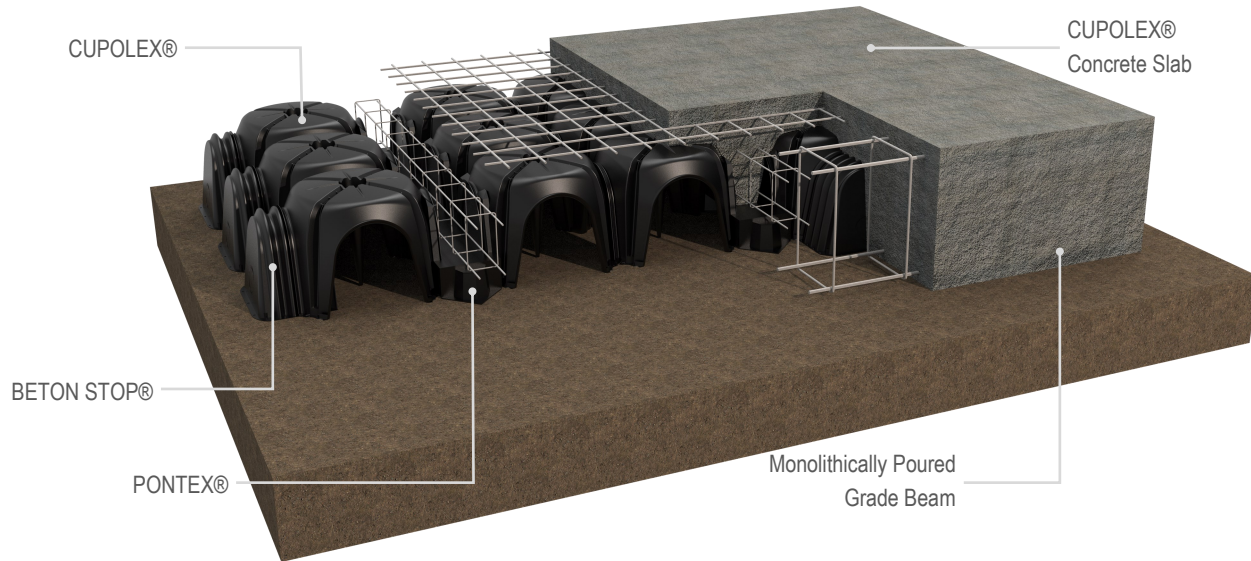


CUPOLEX® CONCRETE FORMING

STIFFENED RIBBED CONCRETE SLABS



OVERVIEW

We provide value engineering and cost-effective structural design solutions for Structural Ribbed reinforced slab. Sites with soils with very low bearing capacity, high compressibility, or that are highly expansive typically require remedial treatment. A Special slab design such as a structural reinforced slab, a slab that includes stiffening beams or a slab not directly supported by the soil such as on a beam/pile or stem wall foundation.



FEATURES

- Provides a capillary break from the subgrade and concrete to protect concrete from moisture damage
- Provides an excellent moisture barrier under slab void that can be vented in soil with high water content;
- Maximizes control of concrete curing resulting in reduction of slab curling and shrinkage cracks
- Simplifies post-construction installation of new utilities below slabs
- Reduces CO₂ emissions.
- Replaces fill or gravel that typically is required to bring the slab to level and eliminates the costs associated with importing, compacting, certifying engineered fill.
- One truck of Cupolex replaces on average 60 trucks of gravel or fill.