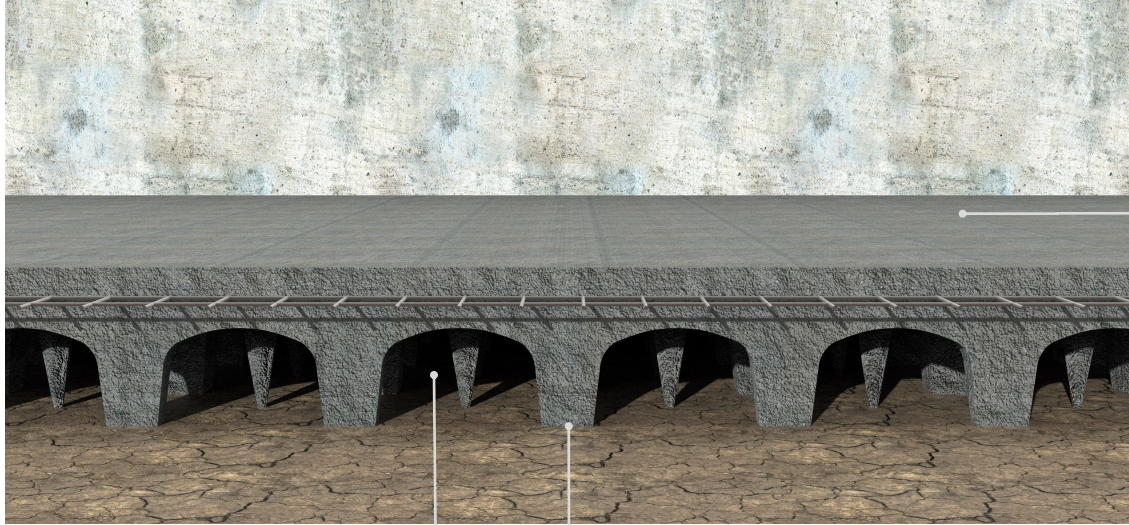


CUPOLEX® CONCRETE FORMING

GRADE-SUPPORTED CONCRETE FLOORS



CUPOLEX®
Concrete Slab

Sub Slab Void with
Venting Potential

Reduced Slab Contact with Subgrade

OVERVIEW

CUPOLEX® offers value engineering and cost-effective structural design solutions for grade-supported concrete floors. Our unique concrete dome methodology allows the concrete to perform under compression and not in tension, while providing a void under the slab. Sub-slab voids provide moisture barriers and have venting potential.

FEATURES

- Void depths range from 2" (50mm) to 28" (700mm)
- Manufactured to ISO 9001:2015 high quality standards
- Complete construction documents with stamped and sealed design drawings provided by CUPOLEX® licenced PEs
- Forms around foundation structures (walls, pile caps, grade beams etc.)

ADVANTAGES

- 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;
- Performs under compression and not in tension when loaded on slab-on-grade applications
- 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.

