

CUPOLEX® CONCRETE FORMING

INDUSTRIAL CONCRETE FLOORS



OVERVIEW

CUPOLEX® provides value engineering and cost-effective structural design solutions for industrial and manufacturing warehouse floors. CUPOLEX® floors specifically for industrial floors are designed for very high industrial type distributed or concentrated racking loads and forklift loads can be accommodated. Non saw cut and super-flat floors can be designed and screed equipment can be used with the CUPOLEX® formwork.

FEATURES

- Void depths range from 8" (200mm) or 28" (700mm).
- Can incorporate reinforced ribbed beams and post-tensioned slabs.
- 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.

