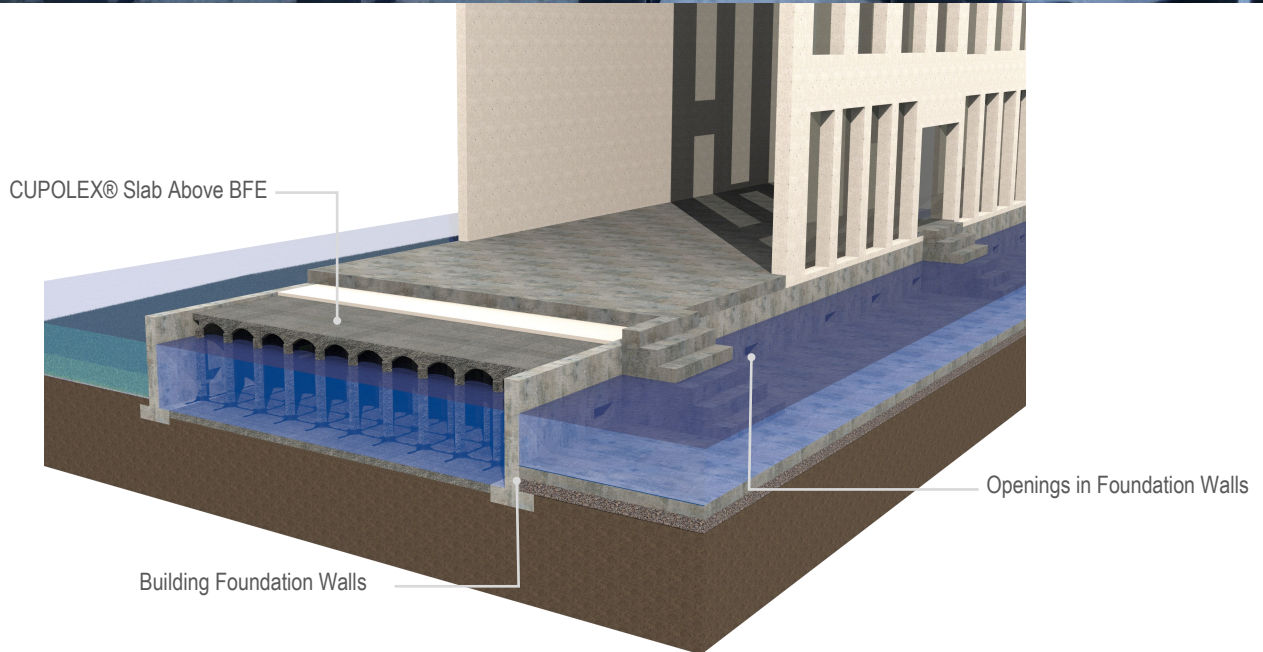


# CUPOLEX® CONCRETE FORMING

## FLOOD-PROOFING



## OVERVIEW

CUPOLEX® provides concrete slabs raised above the base flood elevation, which allow free flow of water to equalize hydrostatic pressure on foundation walls. Elevating a building foundation above the BFE can provide protection from flooding in the event of a coastal storm or high tide due to sea level rise. The entire site's topography does not need to be altered to raise the whole development site. The CUPOLEX® slab is either used as the finished floor or to create a level surface for the placement of a structural slab.



## FEATURES

- Slabs can be raised from 8" (200mm) to 96" (2,500mm)
- Depths can be customized on site for sloped topography
- CUPOLEX® concrete forming manufactured to ISO 9001:2015 high quality standards
- Complete construction documents with stamped and sealed design drawings provided by CUPOLEX® licenced PEs



## ADVANTAGES

- Cheaper than dry floodproofing measures
- Eliminates the need for importing gravel or engineered fill to raise the site
- Equalizes hydrostatic pressure on the foundation walls
- High load-bearing concrete design that can exceed HS-20-44 full truck load plus impact
- Custom designed to any layout
- Streamlined installation supporting required work loads
- Modular, quick and easy installation of formwork

