

CUPOLEX® CONCRETE FORMING

LOADING DOCK PADS



OVERVIEW

CUPOLEX® concrete loading dock pads are designed with integrated stormwater capture. The resulting product is a concrete pavement, capable of providing carrying capacities equivalent to conventional loading dock pads but requiring less concrete.

The loading dock pads have voids under the concrete designed for stormwater capture to mitigate flood risk. This design converts risk-driving impervious pavements into resilient assets and extends the life of existing water infrastructure by reducing the hydrological load.

FEATURES

- Can be designed to infiltrate or detain stormwater.
- Area drains or trench drains transfer surface run-off to the void below.
- Isolator rows can be incorporated for pre-treatment.
- Void depths range from 8" (200mm) to 28" (700mm)
- 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

- Uses less concrete than conventional JPCP.
- Removes the need for a separate buried stormwater capture chamber.
- High load-bearing concrete design that can exceed HS-44 full truck load plus impact
- Custom designed to any layout
- Streamlined installation supporting required work loads
- Modular, quick and easy installation of formwork
- Maximum water storage volume up to 90% of the void depth
- Can reduce the need for granular base materials or engineered fill

