

Box Culverts

In situations where circular pipe can't provide the required flow capacity or space constraints exist, precast box sections offer an ideal solution. They also represent a superior alternative to cast-in-place box culverts, long span metal arches, short bridges, and multi-barrel circular culverts or drains.

Precast box sections are produced with tongue and groove joints. Numerous sealants and methods of sealing are available, depending on application & requirements.

Box Culverts precast engineered units that install in a fraction of the time it would take to utilize a cast in place Box Culverts. Box Culverts are certified by the Plant Prequalification Program.

Benefits of Box Culverts

- Facility quality control
- Consistency
- Installation speed
- Standard sizes that are readily available
- Versatile product that can be used in various applications including bridges and water storage systems
- Precast headwalls, wingwalls & cut-off walls are available for all sizes.



**EASY TO
INSTALL**



**SUSTAINABLE
PRODUCT**



**MADE TO
OPSP**



STANDARD BOX CULVERTS

Designated Size Span x Rise (mm)	Wall Thickness (mm)	Haunch (mm)	Waterway Area (mm)	Approximate Mass (kg/m)
1800 x 900	200	200	1.54	3329
1800 x 1200	200	200	2.08	3631
2400 x 1200	200	200	2.8	4237
2400 x 1500	200	200	3.52	4530
2438 x 1829	203	203	4.38	4924
3000 x 1500	250	250	4.38	6662
3000 x 1800	250	250	5.28	6997
3000 x 2100	250	250	6.18	7376
3048 x 2438	254	254	7.30	7893