

Mini Pit™

INSTALLATION GUIDE



Lifting/unloading requirements at site

- Unload the **Mini Pit™** with fork attachment if product is palletised or lifting slings using the choking method if not palletised.
- Extra care should be taken with pipe connections during unloading, lifting and storage.



Inspection of Mini Pit™ at site

- Experienced and qualified installer/s inspect the **Mini Pit™** when it is delivered prior to installation to ensure the pit is free from any defects that may have been caused during handling and delivery to site.



Preparing the site

- The installation bed should be prepared and compacted with bedding material used to suit local soil and groundwater conditions, in compliance with regulatory authority and specifying engineer's requirements.



Placing the Mini Pit™ into the trench

- Lift the **Mini Pit™** into position with lifting sling using the choking method.



Downstream/outlet connection

- Connect the downstream/outlet using the specified jointing method.
- Solvent glue joint method shown here.
- Quickly use a spirit level on the top and side of the pit to ensure it is perpendicular and level before glue sets.



Support

- Pack/tamp the specified backfill material in compliance with regulatory authority and specifying engineer's requirements around the pit to support it, clear of the downstream/outlet connection.

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Connecting the upstream/inlet(s)

- Connect the upstream inlet(s) using the specified jointing method.



Backfill and compact

- Compact the specified backfill up to required finish level in compliance with regulatory authority and specifying engineer's requirements.



Preparation for installation of the access cover

- Approved trafficable or non-trafficable cover, depending on location, to be installed on top of the concrete spreader/conversion slab in compliance with regulatory authority and specifying engineer's requirements.
- Shown here, is butyl mastic primer being applied over the slab prior to application of butyl mastic. Alternatively, mortar can be used instead of butyl mastic.



Installation of access cover

- Lift the access cover and place it on top of the concrete spreader/conversion slab ensuring the openings align.



Cover installation and final surface completion

- Installation is now practically complete with the backfilling around the pit to surface level of cover allowing for landscaping and/or paving to be installed around the Mini Pit™.