



HYDREX[®]

INFRASTRUCTURE DEVELOPMENT

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WWW.HYDREX.CO.ZA

PRODUCT OVERVIEW



EST. 1967

MESH RESERVOIRS



12 Meter Ø reservoir - 172KLØ - fitted with supporting stays



Mesh reservoir fitted with tarpaulin roof.

MESH RESERVOIR

CAPACITIES TABLE (ℓ)

| Diam | 1.20m h | 1.50m h | 1.80m h |
|-------|---------|---------|---------|
| 1.75 | 2 900 | 3 600 | 4 300 |
| 2.13 | 4 300 | 5 300 | 6 400 |
| 3.00 | 8 500 | 10 600 | 12 700 |
| 3.80 | 13 600 | 17 000 | 20 400 |
| 4.50 | 19 100 | 23 000 | 28 600 |
| 5.25 | 26 000 | 32 000 | 39 100 |
| 6.00 | 33 900 | 42 000 | 50 900 |
| 7.00 | 46 200 | 57 000 | 69 200 |
| 9.00 | 76 400 | 95 000 | 115 000 |
| 12.00 | 135 800 | 169 000 | 203 300 |

MESH RESERVOIRS



Mesh reservoirs are compact and easy to transport.



Suitable for use in agriculture

Lowest cost per Litre storage.

Volumes ranging from 5000 Litres to 200 000 Litres.

Suitable for potable water storage when used in conjunction with tarp roof.

Minimal soil preparation.

Highly compact and easy to transport.

Liners made from non toxic food grade PVC.

PANEL RESERVOIRS



Panel reservoir erected on prepared soil



Panel reservoir with metal roof structure



Process water reservoir



Panel reservoir used in agriculture

PANEL RESERVOIRS



Panels mounted on compacted soil and foot plates.



Process water and piping

Modular bolt-together design .

Volumes ranging from 5000 Litres to 3 Million Litres.

Suitable for potable water storage when used in conjunction with one of our suitable roofing options.

Minimal soil and foundation preparation, compact and easy to transport.

Suitable for mining and all your process water applications.

All inter-connecting pipe and pump work.

STRUCTURAL TANKS AND STANDS



Ground level tank on suitably prepared foundations



Structural work.

Foundation design.

Turn-key installations.



Internal bracing of tanks

STRUCTURAL TANKS AND STANDS



Structural design, manufacture, supply and installation of tanks and stands.

SECTIONAL TANKS AND STANDS



10KL Sectional tanks on 6 meter stands



Crated tank components



15KL Sectional Tank

Compact sectional design.

Easy to transport.

Available capacities 5, 10, 15 & 20KL

Optional 3 & 6 meter high stands.

SECTIONAL TANKS AND STANDS



**12KL Sectional Bolt Together tank on
4 meter stand. No liner required**



5KL Mesh tank on 3 meter stand.



20KL Stand with railing

EARTH DAM CONSTRUCTION



Excavation of earth dam



Welding of HDPE in earth dam



Excavated earth dam with lining



Completed dam filled with water

EARTH DAM CONSTRUCTION



Mining application



HDPE Lined ornamental pond.

Earth dam design.

Civil works and excavations.

Suitable for mining and agriculture.

Inter-connecting pipe and pump work.

Dam cleaning, rehabilitation and re lining.



Cleaning of contaminated earth dams

SEWAGE TREATMENT



Modular Sewage plants.

Civil works and excavations.

temporary / permanent installations.

Pumps, and pipe work.



PETROCHEMICAL



Diesel / Fuel Tanks.



Diesel Farm Installation



Fuel off-loading points



Fuel pumps and pipe work

WATER TREATMENT



Broad spectrum water Treatment.

Mobile treatment solutions.

Water analyses and complete solutions.

Acid mine water solutions.

WATER & FUEL BLADDERS



S-Tank or Onion Tank.



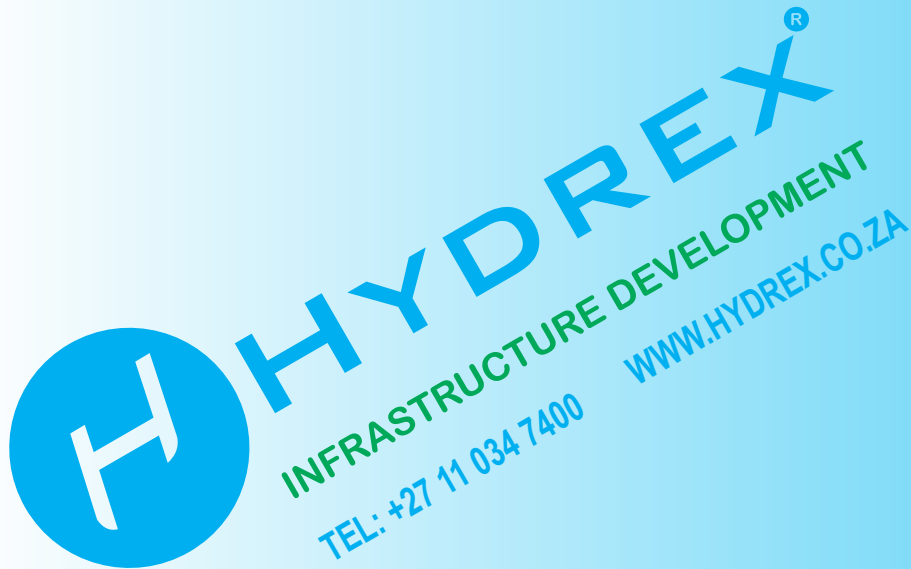
KL S Tank



Diesel / Fuel Tanks.



Transportation Tank



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