



The Market Pioneers since 1977

A Member of



Infrastructure Technical Data Sheet

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Introduction:

Founded in 1977 by the good father of construction in Egypt the late Engineer **Osman Ahmed Osman**, **Technocrete** is a specialized manufacturing company in the field of producing precast paving, buildings and other concrete products. The original plantation was located in Haram district in Giza Egypt. Realizing the need to expand the company established its factory in 10th of Ramadan and expanded its presence in Ismailia and followed by Menya. Since established, Technocrete has been committed to deliver premium quality products to the local market and serve national and private projects with a clear mission of commitment.



Manholes Technical Specifications:

All Technocrete Manholes are manufactured according to American Standers number ASTM-C478 and following Egyptian code and accepted from the Greater Cairo Sewerage Company. Technocrete produces Manholes as per the following specifications:

1. All manholes are manufactured using Portland Cement type 5 (High sulfate Resistance) as per American Stander number ASTM C-150
2. Compressive Strength after 28 days not less than 350 KG/CM²
3. The manhole consists the following Reinforced Concrete:
 - Top Slab
 - Wall in a form of Rings
 - Base Slab
4. Rings are joint together using Anti Water Leaking Rubber substance
5. Manholes are not padded from the inside
6. Manholes outer bodies are isolated with a Bituminous substance
7. Manholes can be produced with fixed pipe openings
8. Manholes are produced with two inter Diameters 1200 & 1500 mm



Manholes Technical Drawings:



REINFORCED CONCRETE CIRCULAR MANHOLES



Int. Manhole	Diameter (mm)		Thickness (mm)			Max. Height of Manhole Unit (mm)	Weight (ton)		
	Base Slab	Top Slab	Base Slab (b)	Top Slab (t)	Wall (w)		Base Slab	Top Slab	Riser (v.m.)
1200	1460	1460	210	300	130	300 - 600 - 900	0.88	1.25	1.35
1500	1820	1820	300	300	160	500 - 3500	1.95	1.95	2.08

* Height of base ring of manhole 1200 mm is 1000 mm .

Inspection Chambers Technical Specifications:

Technocrete Inspection Chambers are ideal for vast range of infrastructure networks from water or sanitation pipes, telephones and electricity cables. Technocrete produces Manholes as per the following specifications:

1. Inspection Chambers manufactured using Portland Cement type 5 (High sulfate Resistance) as per American Standard number ASTM C-150
2. Compressive Strength after 28 days not less than 350 KG/CM²

