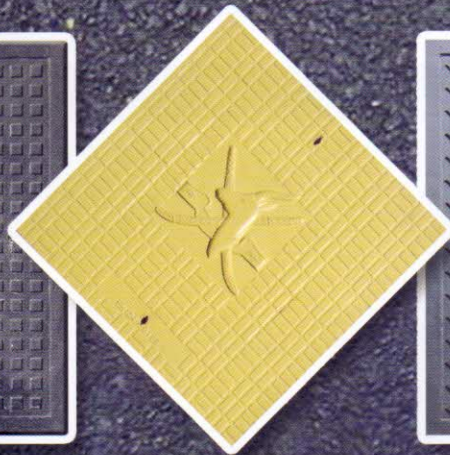
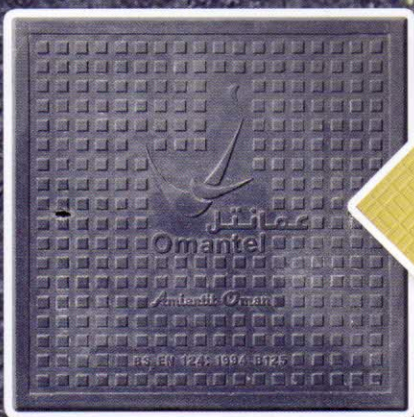


# For Better Today & Tomorrow



Manufactured in the Sultanate of Oman

## Amiantit Oman Company L.L.C



An ISO 9001:2008 Company

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## Why FRP?

Fibre reinforced plastic (FRP) is the next generation polymer made of a polymer matrix reinforced with fibres. These polymers are considered to be the strongest one and most resistive to deforming forces. With the advancements, FRP has totally replaced traditional materials like RCC, CI and steel for manufacturing manhole covers, gratings, doors, window shades and security cabins, shuttering moulds, portable toilets, tanks, domes, transformer kiosks, logos & pergolas.

## Advantages:

Reasons for choosing FRP Manhole Covers over other ordinary covers are :

- 100% waterproof, corrosion free material with zero scrap value
- Light in weight & easy to handle
- Available in different granite finishes
- Can withstand heavy loads of traffic

## Applications:

FRP Manhole Covers find wide application in :

- Inspection chambers for sewerage
- Underground Electrical Cabling
- Telecom Cabling
- Water, Gas and Petroleum Installations
- Beautification of Gardens and Landscapes

Following are the comparison charts between FRP and other materials:

	RCC	CI	FRP
Life Span	Low	Moderate	High
Strength/Weight Ratio	Very Low	Moderate	Very High
Cost	Low	Moderate	Comparable to CI
Scrap Value	Low	High	Nil (Zero Scrap Value)
Color Range	Concrete Grey	Black / Metallic	Range Available
Finishing	Not Applicable	Rough	Granite Finish
Logo Embossing	Not Available	Not Available	Possible
Custom Design	Not Available	Not Available	Possible
Locking System	None	None	Available
Handling	Very Difficult	Difficult	Easy
Thermal Expansion	Slight	High	Almost Nil
Corrosion Resistance	Low	Medium	High
Abrasion Resistance	None	None	Yes

