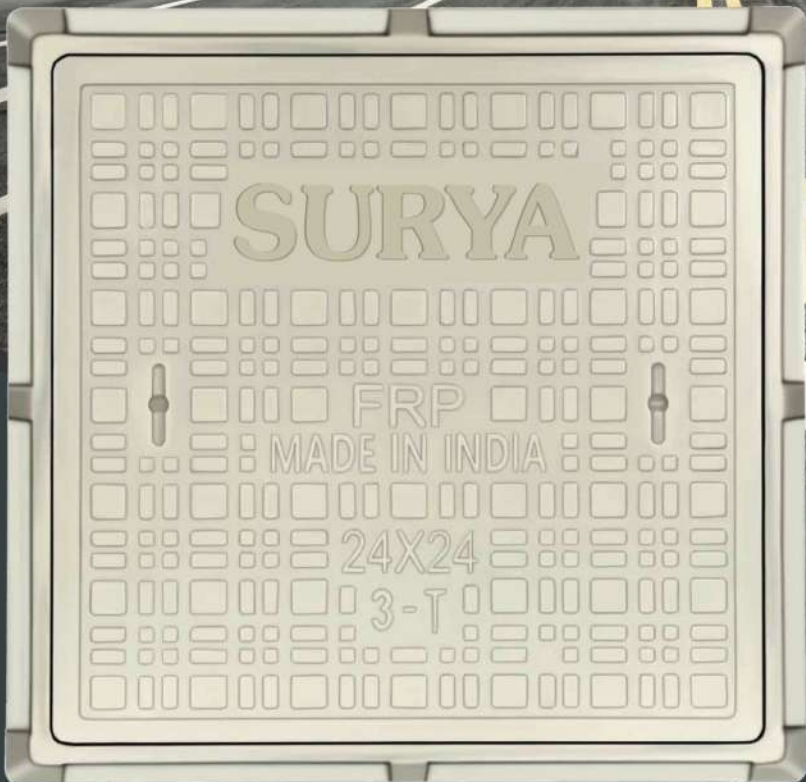


**SURYA**<sup>TM</sup>

**FRP Manhole  
Cover**



*An Experts'  
Production*



From the house of

**SURYA CEM**<sup>®</sup>

## WHAT IS FRP MANHOLE COVER

Fiber Reinforced Polymer is the generic term for a uniquely versatile family of composites, popularly used today in various applications. An FRP structure typically consists of unsaturated polyester resin applied to a mold in combination with reinforcement, most commonly glass fiber, to form a part that is rigid, highly durable and low in weight.

FRP provides light weight, high strength-to-weight ratio, high levels of stiffness, chemical resistance, good electrical insulating properties and retention of dimensional stability across a wide range of temperatures.

FRP products are as robust as any traditional cast iron (CI) products. We are committed to creating awareness regarding the application of FRP materials and enhanced the happiness of our customers through use of these technology of products.

We take pride in launching innovative FRP manhole covers in Square shape. Our state of the art technology and manufacturing expertise have helped us to make these covers suitable for heavy loads. These covers have been thoroughly tested as per standards for suitable applications.

### COMPARISON

For better understanding about FRP below we can find comparison with other material.

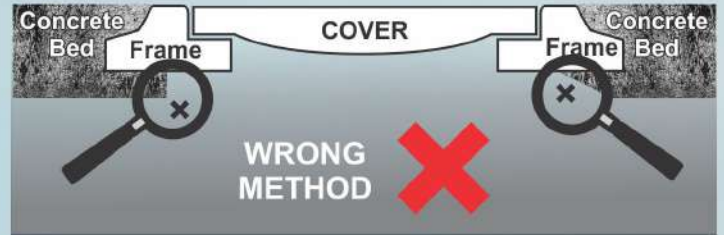
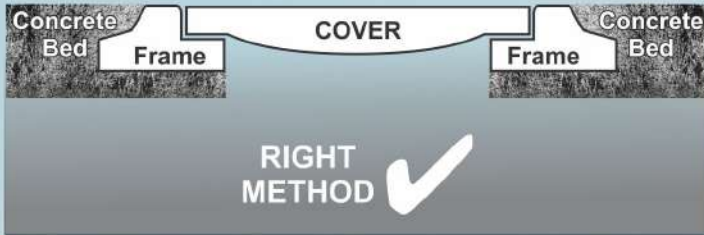
Description	SURYA FRP Manhole	RCC Manhole	Cast Iron Manhole
Life time	High	Low	Moderate
Corrosion Resistance	High	Medium	Low
Strength to Weight ratio	High	Low	Moderate
Scrap Value	Nil	Low	High
Colour	Wide Range	Concrete	Black
Finish	Fine	Poor	Rough
Abrasive resistance	Yes	None	None
Cost	Moderative	Low	Moderate
Handling	Easy	Very difficult	Difficult

### Available Sizes



10" x 10"  
12" x 12"  
15" x 15"  
18" x 18"  
18" x 24"  
21" x 21"  
24" x 24"  
28" x 28"  
30" x 30"

# Installation Instruction



Care should be taken in handling of manhole covers and frames to prevent damage of edges and corners.

- Make sure that top level of the frame should match the road
- Prepare concrete bed considering height of the frame
- Frame should be allowed to set in concrete for a minimum time of 48 hours before its use
- Please note : frame is not load bearing and therefore has to be completely support from all sides.

## FEATURES:

Suitable for use in residential, institutional complexes with pedestrian foot way, car parking & light motor vehicle traffic. These covers can also be used for inspection chambers.

- Extreme temperature resistance
- Water proof & weather proof
- Burglar proof
- Light weight
- Zero scrap value
- Chemical, Abrasion & Slip resistant
- Not required periodical painting for maintenance
- UV stabilized
- High strength to weight ratio
- Easy Handling
- High life span
- Non thermal & non electrical conductivity
- High corrosion resistance
- Abrasion resistance



## Usage Applications depends on Various Load bearing

### 3 Ton Capacity

Residential Area  
Institutional Complexes  
Light Motor Vehicle Traffic

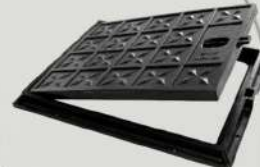
Others Capacity also available on order basis for industrial, landscape, underground and any other purpose

### 5 Ton Capacity

Packing Decks  
Shopping Malls  
Commercial complex  
High rise buildings  
Multi floor parking



FRP Floor Jalis Available



PVC MANHOLE Covers also Available on order basis



Rock Solid Strength



A Quality product from:

**KWALITY WALL COATINGS (P) LTD.,**

# 19-897, Guntur Road, PIDUGURALLA - 522413,

Palnadu Dist. Andhra Pradesh

Email : [info@suryacem.co](mailto:info@suryacem.co)

Customer Care : +91 890 859 5555

Toll Free No: 1800 5722 2222 (10 am to 7 pm)

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