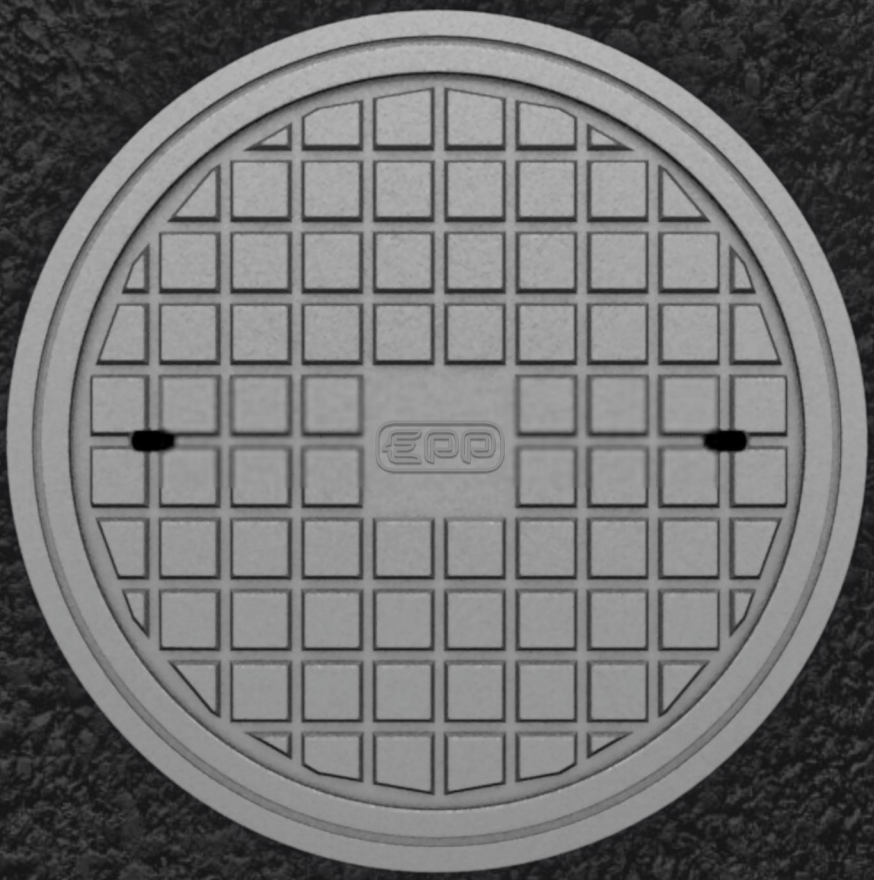
LIS

EPP®

EPP Composites Pvt. Ltd.
Since 1986

FRP / GRP MANHOLE COVERS

indiacover™
We've got you Covered



Long Life

High Durability

Water Proof

Weather Resistant

Eco Friendly

Varieties of Colour

High Strength

Innovative **Engineering,** Renovating **Life**

WHY FRP/GRP Manhole Covers?

FRP Manhole Covers are Thermoset composites manufactured from materials such as glass fiber and polymeric resin for long-term durability. It is 60% lighter than the traditional precast concrete and cast-iron covers, providing up to 4-5 times more compressive strength.

They are thoroughly inspected and tested as per **BS EN124: 2015 & AASHTO M306** standards for drainage and utility services. EPP Indiacovers meet all the requirements of these codes.

APPLICATIONS:

Underground Electrical Cabling | Inspection Chamber for Sewers | Gas Stations | Petrol Pumping Stations| Telecom Cabling | Residential Buildings | Commercial Buildings | Coastal Areas | Tree Grates | Trench Covers.

OUR PRODUCTS



Circular
Manhole Covers



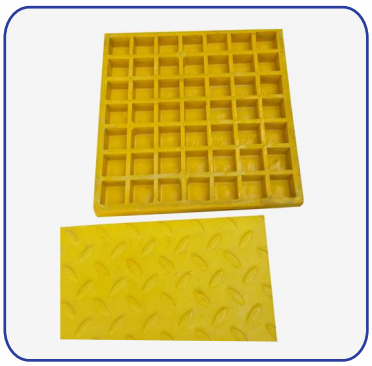
Square
Manhole Covers



Rectangular
Manhole Covers



Circular
Tree Grates



Gratings &
Chequered Plates



Trench Covers

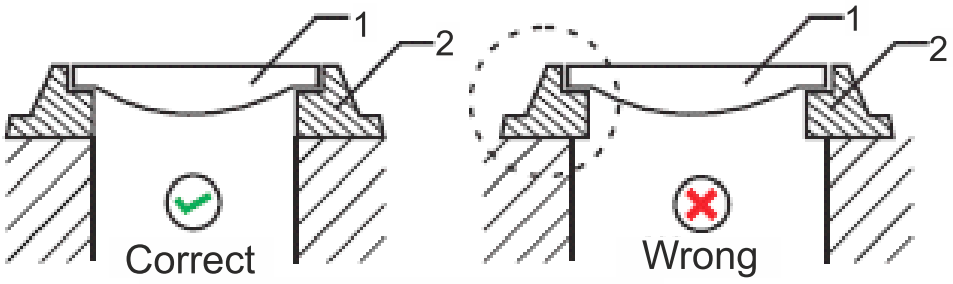
TECHNICAL SPECIFICATIONS

EPP manufactures FRP Manhole covers Manufactured using compression molding techniques using latest & robust hydraulic presses to achieve the load duty requirements according to **BS EN 124** standard **A15, B125, C250, & D400** and also **AASHTO M306** standard for drainage and utility services.

SIZE SELECTION & INSTALLATION PROCEDURE

Size Selection :

The clear opening of the frame should not be smaller than the chamber.



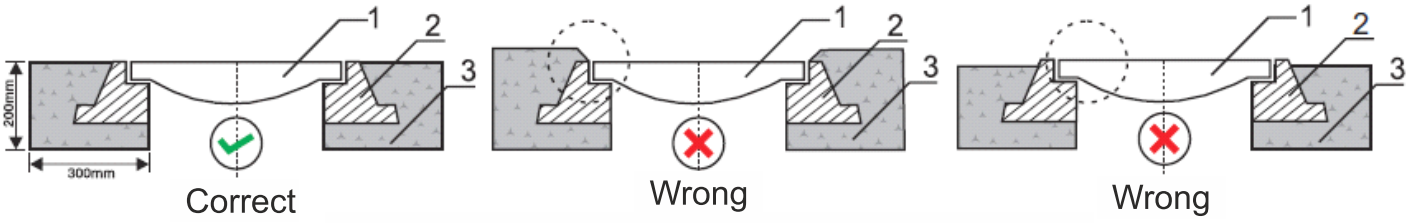
1. Manhole Cover/Grating 2. Frame

Installation Procedure :

a) Prepare the concrete bed considering height of the frame.

b) The frame shall be embedded in 300 x 200 mm of minimum M-20 grade concrete.

c) Make sure that the top level of frame should match with the road.



1. Manhole Cover/Grating 2. Frame 3. M-20 Grade Concrete

Manhole Cover Size

Frame Size					
Shape	**Inch**	**mm**	**Shape**	**Inch**	**mm**
 **Square**	10 x 10	250 x 250	 **Rectangular**	6 x 9	150 x 225
	12 x 12	300 x 300		12 x 18	300 x 450
	15 x 15	375 x 375		12 x 24	300 x 600
	18 x 18	450 x 450		18 x 24	450 x 600
	21 x 21	525 x 525		21 x 28	525 x 700
	24 x 24	600 x 600		18 x 36	450 x 900
	27 x 27	675 x 675		24 x 36	600 x 900
	28 x 28	700 x 700	 **Round**	**Inch**	**mm**
	30 x 30	750 x750		Dia 18	450
	36 x 36	900 x 900		Dia 24	600
	40 x 40	1000 x 1000		Dia 28	700
	52 x 52	1300 x 1300		Dia 36	900

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Gully Cover Size

Frame Size					
Shape	Inch	mm	Shape	Inch	mm
 Square	4 X 4	100 X 100	 Rectangular	12 X 18	600 X 600
	6 X 6	150 X 150		12 X 24	300 X 600
	8 X 8	200 X 200		18 X 24	450 X 600
	10 X 10	250 X 250			
	12 X 12	300 X 300			
	18 X 18	450 X 450			
	24 X 24	600 X 600			

Manhole Cover with Frame

Manhole cover with frame	Inch	mm	Manhole cover with frame	Inch	mm
 Square	12 x 12	300 x 300	 Rectangular	18 x 24	450 x 600
	15 x 15	375 x 375		18 x 36	450 x 900
	18 x 18	450 x 450		24 x 36	600 x 900
	21 x 21	525 x 525		30 x 36	750 x 900
	22 x 22	550 x 550		24 x 48	600 x 1200
	24 x 24	600 x 600		36 x 48	900 x 1200
	26 x 26	660 x 660	 Circular	18	450
	28 x 28	700 x 700		21	530
	30 x 30	750 x 750		24	600
	36 x 36	900 x 900		36	900
	40 x 40	1000 x 1000			
	48 x 48	1200 x 1200			
	60 x 60	1500 x 1500			

Gully Gratings with Frame

Recess Cover

Manhole cover with frame	Inch	mm	Manhole cover with frame	Inch	mm
 Gully Grating	12 x 12	300 X 300	 Recess Grating	12 x 12	300 X 300
	12 x 24	300 X 600		18 x 18	450 X 450
	18 x 18	450 X 450		24 x 24	600 X 600
	18 x 24	450 X 600		24 x 36	600 X 900
	24 x 24	600 X 600		36 x 36	900 X 900
	24 x 36	600 X 900			
	18 x 36	450 X 900			
	36 x 36	900 X 900			
	18	450			

EPP/F/Manhole Cover Flyer/01/2024/Rev.00

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Website

Catalogue