

YUVI

FRP MANHOLE COVERS



Built to Last, Built for You

YUVI Frp Manhole Cover

Our FRP has the strength of Steel at fraction of weight. It won't corrode, rot, attract insect damage or conduct electricity. And decades later when other material needs to be replaced, it will still have plenty of life.

FRP manhole cover are not made from single material. It is a mixture of multiple material. And the proposition of each material should be proper to provide best in class strength. And because of our Proper composition we have a best-in-class Marble type finish which cannot be found in others.

Unlike other we maintain uniform quality and strength in each and every manhole cover we made, even in monsoon and humid atmosphere.



Features



ANTI SLIP



THEFT FREE



HIGH LOAD BEARING CAPACITY



WEATHER PROOF



LOAD TESTED



DURABLE



LIGHT WEIGHT



ANTI BENDING TECHNOLOGY



LONG LASTING



CORROSION RESISTANCE

Size Chart

SQUARE
Size Inch
10X10
12X12
15X15
18X18
21X21
24X24
28X28
29X29
30X30
34X34
36X36
41X41
48X48

RECTANGLE
Size Inch
12X18
18X24
22X28
22X36
22X40
30X36
30X41
41X30

ROUND
Size Inch
16" DIA
18" DIA
21" DIA
24" DIA
28" DIA

All These Sizes are available in
5T/10T/12.5T/25T/40T/80T load capacity.

Available Colour Options



Customized Size & Colour
Options is Also Available



SS Handle



Locking
System



We have provided option of
locking system for enhanced child safety

Applications



Housing



Commercial Buildings



Electrical utility access



Tele communication networks



Municipal sewer systems



Storm Water management

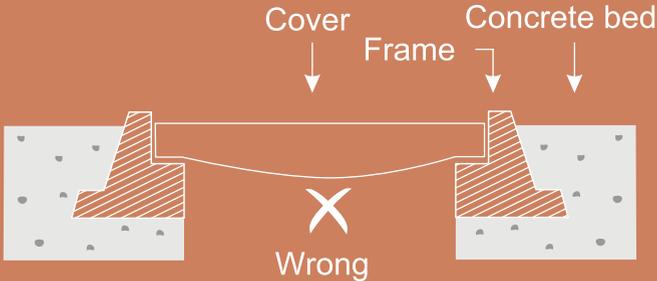
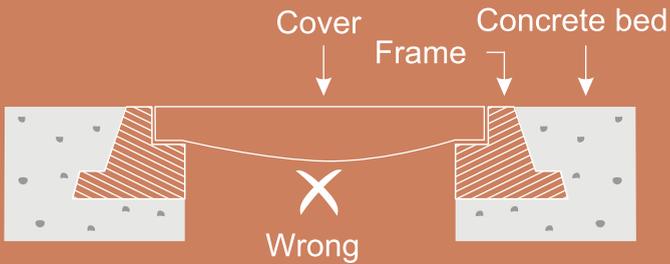
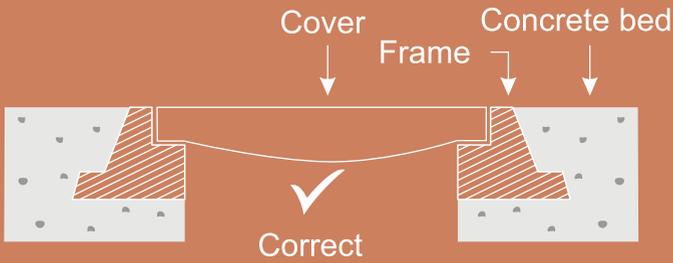


Transportation infrastructure

Comparison Chart

Criteria	FRP	RCC	CI	PLASTIC/PVC	LDPE/HDPE
Life Span	High	Low	Moderate	Moderate	Moderate
Strength to weight Ratio	Very High	Very High	Moderate	Lowest	Low
Load capacity	High	High	High	Low	Low
Cost	Comparable Cto CI	Low	Moderate	Low	Moderate
Scrap Value	Zero	Low	High	Moderate	Moderate
Theft Possibility	Zero	Moderate	High	Moderate	Moderate
Color Range	Range Available	Concrete Grey	Black	Range Available	Range Available
Handling	Easy	Difficult	Difficult	Easy	Easy
Thermal Expansion	Nil	Negligible	High	Moderate	Moderate
Corrosion Resistance	High	Low	Medium	High	High
Abrasion Resistance	Yes	None	None	Moderate	Moderate
Impact Resistance	High	Low	Low	Low	Low
Weight	Moderate	Very High	High	Low	Low
Resistance to Continuous Load Cycles	High	Moderate	Moderate	Low	Low

Installation Guide



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

Installation Instruction :

- * 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 hrs. before its use.
- * Please note frame is not load bearing and therefore has to be completely supported from all sides.

Myths vs Facts of FRP Manhole Cover:

Myths	Facts
More weight means stronger FRP	Strength of FRP is irrelevant to its weight. FRP's strength depend on its material combination. FRP can provide strength of steel at fraction of steel's weight.
More thickness means stronger FRP	Similar to weight thickness is also irrelevant to strength of FRP. Thickness can be increased by use auxiliary materials such as calcium, Sand etc. which lowers the strength of FRP
Use of FRP Rods increases the strength	Individually implanted rods don't make any significant impact to strength. 40Ton load capacity FRP covers can be made without using rods
DMC means less strength	Strength depends on Material combinations. And due to DMC there is Proper Pressure & temperate maintained to provide better Strength & Finish.
LDPE/HPDE/PVC & FRP are same	All are different. FRP is strongest and most durable among them.

Things to Consider Before buying FRP Manhole Cover...

- Depending on your requirement choose the required Capacity wisely
- Instead, wisely choose Trusted Brand YUVI for actual strength.
- Measure Your required size and choose the size wisely.
- Don't fall for fancy things such as heavier or thicker manhole cover instead wisely choose Trusted Brand YUVI for actual strength.

FIBRO INNOVATION SYSTEM

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