

THERM  DRAIN

**Easy to
hold
tough to
beat**



“ Backed with an in-house state-of-the-art R & D team, we continuously develop products of international standards. ”

ABOUT US:

There are very few instances when something is a perfect amalgam of the best things possible. Thermoset Poly Products Pvt Ltd. excels in just that. With over four decades of manufacturing of products in GRP/FRP, we're here to stay.

With a spread of over 1,60,000 sq.ft. , our plant is located close to Nhava Sheva Port in Navi Mumbai. We have manpower strength of over 180 people. With a broad perspective in mind, we have vigorously worked towards developing quality products like chemical equipments, Wind Mill Nacelle covers and GRP Thermodrain manhole covers.

Backed with an in-house state-of-the-art R & D team, we continuously develop products of international standards. With products distributed in the domestic market as well as exported to various nations, we also have a global presence.

With the highest quality in mind and a through testing facility, we maintain an edge in the competitive market and cut through the clutter effectively. Customer approach, strong infrastructure and consistent efforts are and have always been the pillars to our growth.

“ Our covers are available in all standard sizes with load bearing capacity from 2.5 tons to 40 tons.

”

MANHOLE COVERS:

With a better performance than cast iron, Ductile Iron and RCC cover and with frames that are lighter and superior, this product is an industrial revolution. They have been thoroughly tested as per BS EN 124 1994 & AASHTO M306 standards for drainage and utility services. Our covers meet all the requirements of the code.

Our covers are available in all standard sizes with load bearing capacity from 2.5 tons to 40 tons. They are circular, square and rectangular shapes available with single and double sealed arrangements. Locking arrangement on the cover is also available on request.



“ Gully covers and gratins serving the purpose of load bearing and waterflow ”

GULLY COVERS/ GRATINGS:

We offer gully trap cover which are made of FRP high quality materials and there are many advantages of these covers as water can easily flow through it and there is no water logging.

They have been thoroughly tested as per BS EN 124 1994 & AASHTO M306 standards for drainage and utility services. Our covers meet all the requirements of the code.



GRATINGS:

The gratings are available in the standard width and length

40 mm HEIGHT GRATING	30 mm HEIGHT GRATING
48	44
88	81
128	118
167	155
207	192
247	229
286	266
326	303
366	340
406	377
445	414
485	451
525	488
564	525
604	562
644	599
684	636
723	673
763	710
803	747
843	784
882	1821
922	852
962	895
1001	932
1041	969
1081	1006
1121	1043
1160	1080
1200	1117
1240	1134
1279	1191
1319	1228
1359	1265
1399	1302
1438	1339
1478	1376
1518	1413
1557	1450
1597	1487
1637	1524
1677	1561
1716	1598
1756	1635
1796	1672
1836	1709
1875	1746
1914	1783
	1820
	1857
	1894
	1931
	1968

“ Hinged type light weight water tank covers ”

WATER TANK COVERS:

Thermodrain GRP tank covers serve a dual purpose. They are not only superior to conventional Cast Iron and Ductile Iron covers but are also light weight. They are tested as per BS EN 124 1994. Our covers are even immune to algae and rusting contaminants. They meet all the requirements of the code and are available with load bearing of 2.5 tones & 10 tones.

Our tank covers are circular hinged type and are available in the following sizes:

350 mm
450 mm
525 mm
600 mm



“ Our product thoroughly tested as per BSEN 124 1994 & AASHTOM standards for drainage and utility services ”



TESTING

COMPARISON

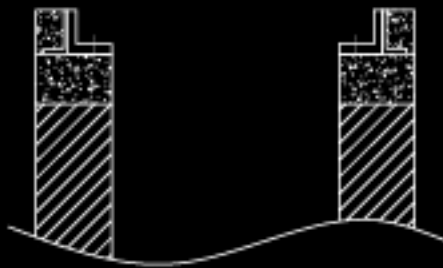
THERMODRAIN GRP MANHOLE COVERS	CI / DI MANHOLE COVERS
Free from fear of theft as the material is non reprocessible and has no resale value.	Heavily prone to theft as material reprocessible & has high resale value.
Easy to handle due to light weight.	Difficult to handle due to very heavy weight.
No risk of injury due to light weight.	High risk of injury due to heavy weight.
Does not rust due to chemical / sewage / rain water.	Gets rusted with chemical / sewage / rain water.
High service life (min.30 years) as it does not corrode and has high impact resistance.	Low service life as it corrodes with the service conditions & has low impact resistance.
High on aesthetics due to varied colours available.	Low on aesthetics.
No additional cost to be incurred for the corrosion resistant plate which is required below the cover to protect the cover from corrosion.	Additional cost to be incurred for the corrosion resistant plate which is required below the cover to protect the cover from corrosion.
The covers are self pigmented and do not require expensive epoxy painting for protection throughout its life.	The covers regularly need expensive epoxy painting to be conducted for protection.
The pigments are inbuilt in the material and UV stabilized. Hence there is no peeling / fading of the colours due to sunlight.	The epoxy painting peels over a period as it is a secondary process.
Locking arrangement if required is available to avoid displacement of covers due to back pressure in low lying areas.	
Good resistance to extreme temperature (100°C to + 80°C).	

DO'S & DONT'S

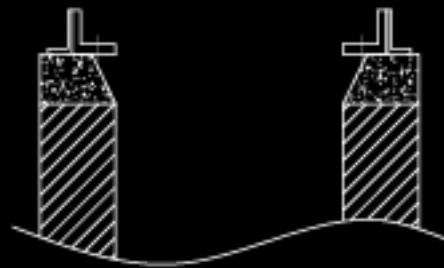
DO'S

DONT'S

1

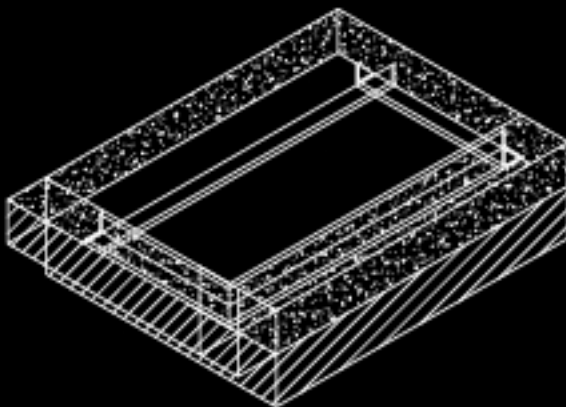


Correct installation of frame with complete civil support

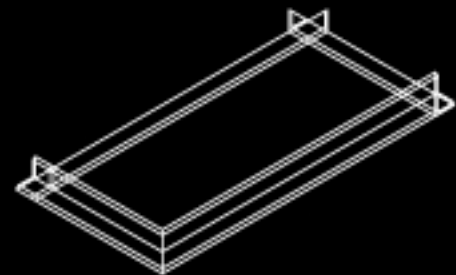


Wrong installation of frame as frame is not completely supported

2

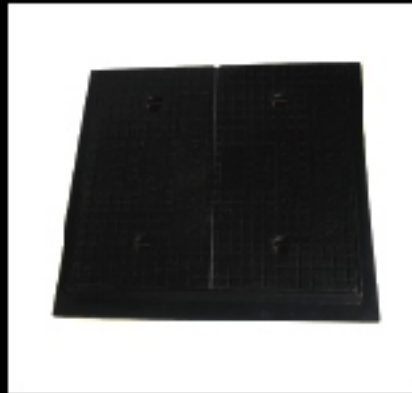


Load on the frame to be applied only after grouting is completed



Not to apply load on the frame before installation

PRODUCT GALLERY



THERMODRAIN GRP MANHOLE COVER WITH FRAME

CIRCULAR	RECTANGULAR	SQUARE
300 mm (12 inches)	600 mm X 450 mm (24 inch X 18 inch)	300 mm X 300mm (12 inch X 12 inches)
400 mm (16 inches)	800 mm X 450 mm (32 inch X 18 inch)	400 mm X 400 mm (16 inch X 16 inch)
500 mm (20 inches)	900 mm X 450 mm (36 inch X 18 inches)	450 mm X 450 mm (18 inch X 18 inches)
600 mm (24 inches)	900 mm X 600 mm (36 inch X 24 inches)	500 mm X 500 mm (20 inch X 20 inch)
		600 mm X 600 mm (24 inch X 24 inch)
		800 mm X 800 mm (32 inch X 32 inches)
		900 mm X 900 mm (36 inch X 36 inches)

THERMODRAIN GRP WATER TANK COVER WITH FRAME

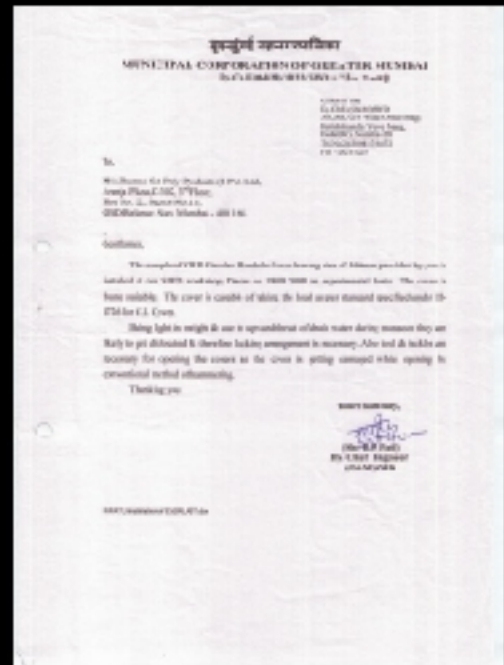
- 350 mm (14 inch)
- 450 mm (18 inch)
- 525 mm (21 inch)
- 600 mm (24 inch)

NOTE:

Any other sizes in case of quantity as per customer requirement can be supplied. All sizes of manhole covers are available for load bearing of 2.5, 5, 10, 12.5, 20, 25, 40 tons.

QUALITY AND TESTING

THERMODRAIN MANHOLE COVERS are tested as per bs en 124:1994 & aashto m306



Thermoset Pollyproducts (I) Pvt. Ltd.

Regd. Office:

Arenja Plaza, C - 302, 3rd floor, Plot No. 52, Sector - 15, CBD Belapur, Navi Mumbai- 400614, Maharashtra, INDIA.
Telephone - 91-22-40741414(30 lines),27581071/72/73/74 Telefax: 91-22-2758-1071/72/73/74

Email: thermodrains@gmail.com/response@frpmanholecover.com Website- www.frpmanholecover.com

Factory:

Survey No.118-B, Village-Devloli, Panvel, Konesavale Road, Tal. Panvel, Dist.Raigad, Maharashtra.
Tel- +91-2192-252451/52