

NEXIO™

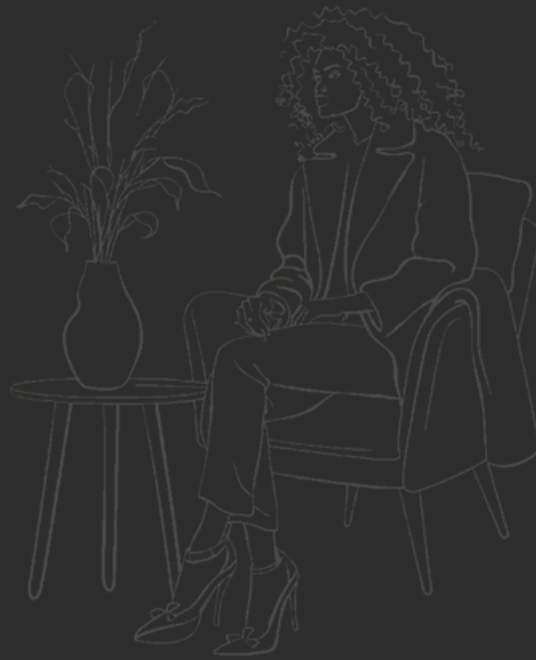
CRAFTING SPACES.



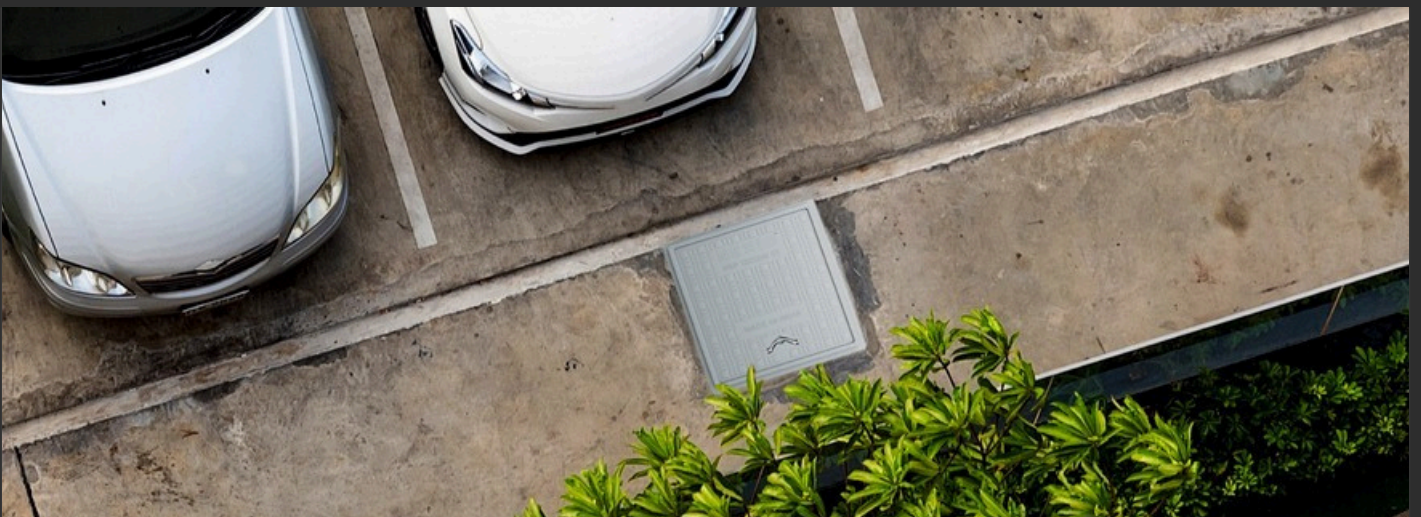
YIELDING FIBER
RIGIDITY LIFELONG

ABOUT US

The shift towards the much-acknowledged Fiber-Glass Reinforced Polymer (FRP) Manhole Covers has transitioned from the age-old Cast iron, Ductile iron and Concrete manhole lids. Presently the societal expectations are to witness strength, glaze and state of the art finish in every product. At NEXIO, the idea is to blend TOUGHNESS and AESTHETICS with a holistic technological approach. The product is developed with exemplary characteristics involving safety and sustainability, to cater for residential buildings, industries, municipalities and construction companies countrywide. The product is therefore tested manifold, proven to meet the industry demands and give a lasting impression to its customers.



**CRAFTED FOR EXCELLENCE ,
TRUSTED BY YOU**



NEXIO FRP MANHOLE LIDS

NEXIO FRP covers gives an edge over cast iron, ductile iron and traditional concrete covers. This is also better compared to BMC covers (mostly used in China) where steel rods and reinforced just to add weight to the covers thereby making those heavier compared to FRP cover which are always light in weight and equally or stronger than all forms of manhole lids (BMC, Cast iron, Ductile iron and concrete covers). At NEXIO, our highest and vital aspect is to maintain the Strength to weight ratio.

These products are abrasion resistant, non-conductive, non-magnetic and a money saver. These FRP manhole lids are not only manufactured from a single chemical element but a composition of many chemical elements. At NEXIO, as mentioned earlier, we vitally focus on the proposition of each element so as to render the highest level of tensile strength. Lastly, our product offers the best glossy, marble finish as a result of the highly accurate proposition and ratio of the chemical composition.



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

| Size | | Clear Opening (mm) | Cover Size (mm) | Weight (Kgs) |
|-------|---------|--------------------|-----------------|--------------|
| Inch | MM | | | |
| 10X10 | 250X250 | 180X180 | 200X200 | 2.2 |
| 12X12 | 300X300 | 230X230 | 250X250 | 3.3 |
| 15X15 | 380X380 | 300X300 | 325X325 | 5 |
| 18X18 | 450X450 | 370X370 | 400X400 | 7.5 |
| 18X24 | 450X610 | 355X505 | 385X540 | 10.5 |
| 21X21 | 530X530 | 435X435 | 470X470 | 11 |
| 24X24 | 610X610 | 510X510 | 550X550 | 14 |
| 28X28 | 700X700 | 610X610 | 640X640 | 20 |
| 30X30 | 750X750 | 660X660 | 690X690 | 25 |
| 36X36 | 900X900 | 775X775 | 825X825 | 42 |

- All these sizes are available in 5T load capacity.
- Higher load capacities up to 60T are manufactured as per order.

AVAILABLE COLOR OPTIONS



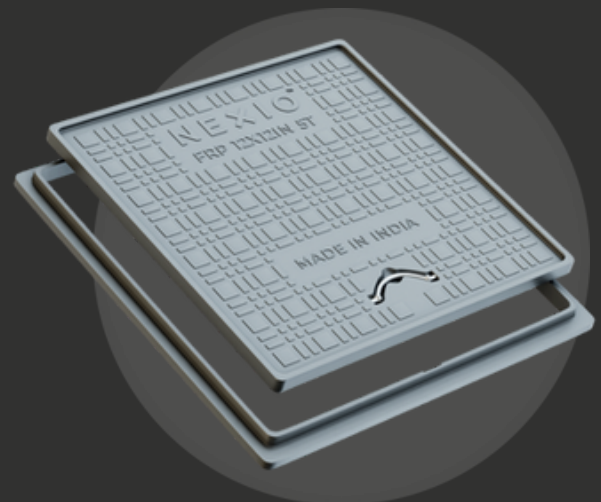
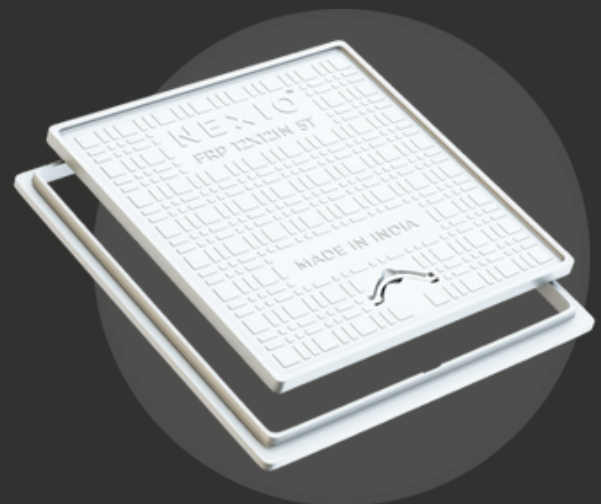
CUSTOMIZED COLOR OPTIONS ARE ALSO AVAILABLE



SS HANDLE WITH
SS LOCK NUT



LOCKING
SYSTEM



WE HAVE A PROVISION FOR
LOCKING SYSTEM TO
ENHANCE CHILD SAFETY

APPLICATIONS



HOUSING



COMMERCIAL BUILDINGS



ELECTRICAL UTILITY ACCESS



TELE COMMUNICATION NETWORKS



MUNICIPAL SEWER SYSTEMS



STORM WATER MANAGEMENT

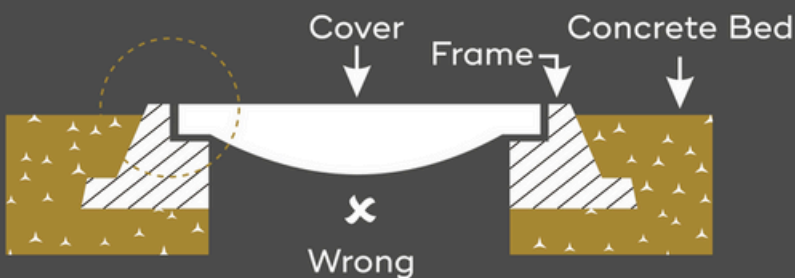
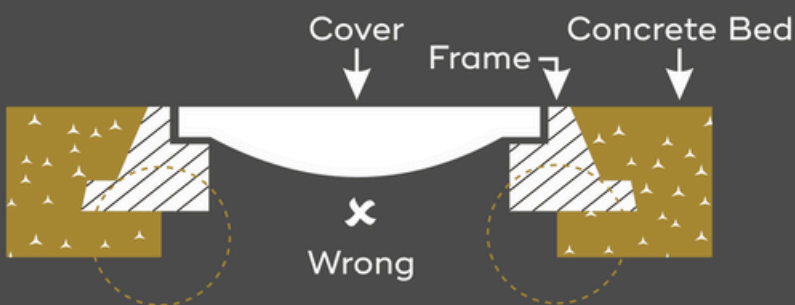
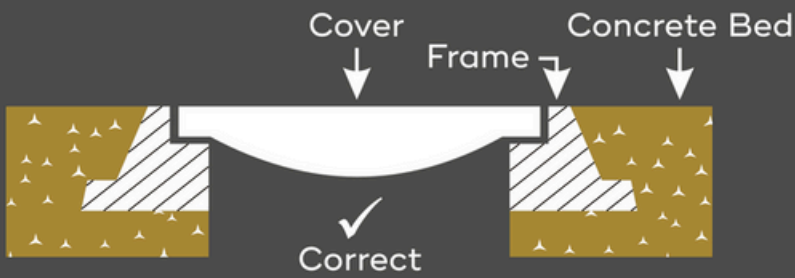


TRANSPORTATION INFRASTRUCTURE

PEER TO PEER COMPARISON

| 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 Gray | 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 | Very 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.

REASONS TO CHOOSE NEXIO...

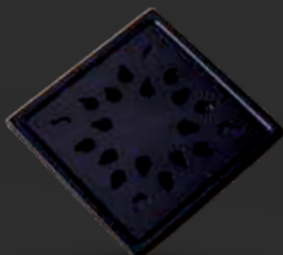
- Highly tested and proven levels of safety.
- Multiple customized colour options.
- 5 Ton Assured load bearing Capacity.
- Locking provision is available with SS 304 handle and lock nut.
- Limestone/Marble type finish. Enchanting aesthetics.



NEXIO FRP Manhole Lids are proudly manufactured in Bharat with an initiative to contribute one amongst many in making India a global powerhouse.

OUR UPCOMING ARRIVALS

- SS Floor drains
- SS Shower Channel drains
- SS Drains with Anti cockroach trap





FOR GENERAL INQUIRY, PROJECT AND DEALERSHIP

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REGISTERED OFFICE:

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