



# NEXTEP



Nextep Miyama is a world leading manufacturer of 'corrosion free' infrastructure access equipment for the water and wastewater industries. Nextep designs, manufactures and installs high quality access equipment using composite materials such as FRP (Fibre Reinforced Plastic)

## FRP Access Covers

Nextep FRP Access & Manhole Covers are the strong, lightweight and non-corrosive option for use on chambers, manholes, roofs, pump stations, treatment plants and saltwater areas.

Using innovative composite core technology and SMC moulding processes, the Nextep range of access covers are the perfect access solution for highly corrosive environments or where a light weight application is required.

Features such as recessed stainless handles, security camlocks and stainless seating frames ensure a safe and cost effective solution for your project. Standard colour for access panels is concrete grey; other colours are available by special request.

### FRP Access Panel

#### Description

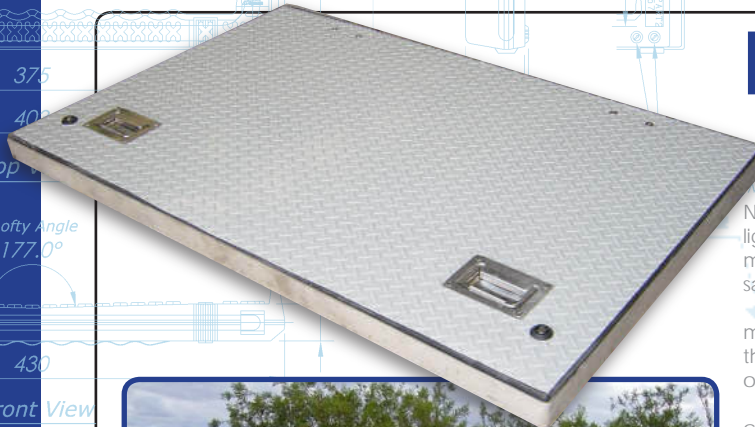
Fibre Reinforced Plastic Access Covers

#### Application

Water and sewerage industries, food processing plants, chemical plants, saltwater areas, indoor & outdoor facilities, electrical goods manufacturing plants.

#### Designed to Standards

Designed to meet loadings as per AS1657-1992 Fixed Platforms, Walkways, Stairways and Ladders.





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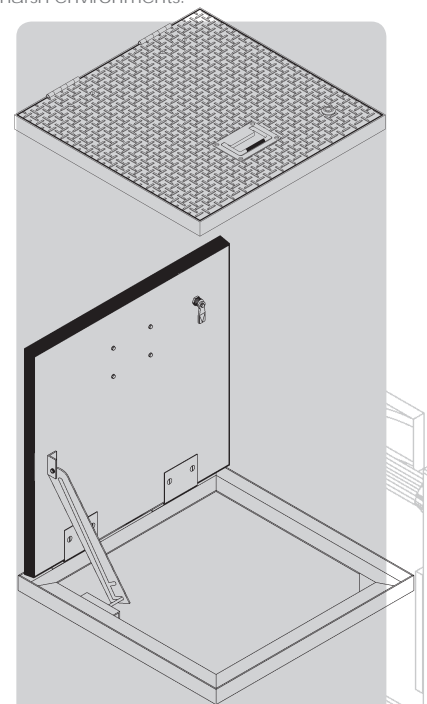
Over many years our water and wastewater infrastructure has been built with products made from materials unsuitable to the typically harsh conditions present.

Generally, human safety and product life expectancy was not considered in the design process. Now, with the growing awareness of occupational safety, safer alternatives are

being sought and responsibility for safety is being shifted to each individual.

With the increase of infrastructure rehabilitation, it is now well documented that traditional building materials such as aluminium, galvanized steel and even stainless steel, are susceptible to severe corrosion in these harsh environments.

Cover Thickness	Span	Load of 1% Deflection using 75 x 300mm Block	Concentrated Load of 1% Deflection (Kg/m <sup>2</sup> )	Uniformly Distributed Load of 1% Deflection (Kg/m <sup>2</sup> )
<b>Total 37mm.</b>	500mm	3279 kgr	5753 kgr	18438 kgr
	1000mm	820 kgr	1438 kgr	2305 kgr
	1500mm	365 kgr	641 kgr	685 kgr
	2000mm	205 kgr	360 kgr	288 kgr
<b>Total 42mm.</b>	500mm	4475 kgr	7851 kgr	25436 kgr
	1000mm	1123 kgr	1970 kgr	3172 kgr
	1500mm	502 kgr	881 kgr	937 kgr
	2000mm	283 kgr	496 kgr	396 kgr
<b>Total 50mm.</b>	500mm	6906 kgr	12116 kgr	38896 kgr
	1000mm	1726 kgr	3029 kgr	4882 kgr
	1500mm	774 kgr	1358 kgr	1445 kgr
	2000mm	435 kgr	762 kgr	611 kgr
<b>Total 62mm.</b>	500mm	9079 kgr	23000 kgr	73000 kgr
	1000mm	4029 kgr	5700 kgr	9100 kgr
	1500mm	2307 kgr	2530 kgr	2700 kgr
	2000mm	1375 kgr	1420 kgr	1140 kgr
	2500mm	TBA	TBA	TBA
	3000mm	TBA	TBA	TBA
<b>Total 75mm.</b>	500mm	33840 kgr	42105 kgr	135000 kgr
	1000mm	8354 kgr	10395 kgr	16700 kgr
	1500mm	3722 kgr	4632 kgr	4950 kgr
	2000mm	2094 kgr	2605 kgr	2090 kgr
	2500mm	TBA	TBA	TBA
	3000mm	TBA	TBA	TBA



- Product Applications**
- Flooring
  - Trench covers
  - Light weight pit covers
  - Platforms
  - Elevated walkway
  - Stair treads
  - Electrical covers
  - Sewer covers
  - Storm-water manhole covers
  - Machinery guards

**Distributed by:**

**Other Products:**

- FRP Rung Ladders
- FRP Manholes
- FRP Step Irons
- FRP Platforms
- FRP Staircases
- Design and installation