



# PVC FOOTSTEPS COMPANY PROFILE

Mitro Industries is one of the leading manufacturers and suppliers of PVC encapsulated rungs - Mitro PVC footsteps, specially designed for use in water wells, overhead water tanks, sewage manholes, and water and sewage plants. PVC is used in manufacturing rungs instead of steel and cast iron.



## Why Choose Mitro Industries

# ABOUT US

As a manufacturer, wholesaler, service provider, retailer, importer, and supplier in the construction industry, we take pride in our unwavering commitment to quality compliance. Every production lot undergoes thorough inspection by our team of highly qualified quality engineers, ensuring adherence to stringent quality norms.

Our success story is defined by our strong focus on quality compliance, easy payment options, and timely delivery. Since our inception, we have remained steadfast in providing superior quality products that meet the diverse requirements of our clients. At **Mitro Industries**, we are dedicated to redefining construction excellence and driving innovation in the industry.

# ADVANTAGE OF PVC RUNGS

It's important to note that the choice of ladder rung material should consider the specific requirements and conditions of the application. While PVC rungs offer these advantages, other materials like aluminum or fiberglass may be more suitable for certain situations, depending on factors such as load capacity, fire resistance, and application-specific requirements.



01

## Durability

PVC is known for its durability and resistance to various environmental factors, such as moisture, chemicals, and UV radiation. This makes PVC rungs suitable for outdoor applications and areas with exposure to harsh conditions.

02

## Corrosion Resistance

PVC does not corrode, rust, or degrade when exposed to moisture or chemicals, which is particularly important in environments with high humidity or corrosive substances.

03

## Low Maintenance

PVC rungs are low maintenance and do not require regular painting or coating to protect against corrosion. They are also easy to clean and maintain their appearance over time.

04

## Safety

PVC rungs are often designed with non-slip surfaces or textured patterns to enhance grip and reduce the risk of slipping, making them safer to use in wet or slippery conditions.

05

## Light weight

PVC rungs are typically lightweight, which can make ladders easier to transport and handle. This is especially beneficial for portable or telescopic ladder designs.

06

## Electrical Insulation:

PVC is an electrical insulator, so PVC rungs are suitable for use in environments where electrical conductivity needs to be avoided, such as around electrical equipment or power lines.

# MITRO PVC RUNGS (FOOTSTEPS)

- For use as footsteps while the construction process in sump tank.
- The PP Rung is of 25mm thickness, 170mm width 260 mm length.
- Reinforced inside with 12 mm Steel rod, bent in U shape including fixing in position.
- Capable of withstanding 350 KG load under properly fixed conditions.
- Mitro PVC Rungs doesn't react with water or chemically corrode.



## METHODOLOGY

Fixing is easy and simple. Place the Foot step in the pre-determined location on the brick Block course after applying a layer of mortar.

Only the plain portion up to the grooved level will have to be embedded in the mortar layer and the 'U' shaped portion having ribs design on it should be seen outside which will act as a step. Again a coat of mortar layer, sufficient to cover the entire 'Grooved' portion is applied and the Brick/Block work is continued.

The same procedure is repeated until the required number of steps are fixed. Please refer the photograph given below to get an idea of how it looks after fixing. Further the steps will have to be fixed one foot apart in a zig zag manner to enable easy climbing up and down.



# MITRO ANCHOR RUNGS (FOOTSTEPS)

- For use as footsteps after the construction process in sump tank.
- Mitro Anchor Rungs are available in size 170 mm x 165 mm x 25 mm thick.
- Capable of withstanding 350 KG load under properly fixed conditions.



## METHODOLOGY

Mark the position of the 'Anchor Rungs' at the location through the 4 holes provided on the rungs and drill approximately of the length of the 75 mm Anchor bolt with 10 mm drill bit.

Push the 'bolt inserted sleeve' into the drilled holes in such a way that, the sleeve should be housed compactly without any wobbling and the threaded portion of the bolt is protruded outside through the sleeve in the wall.

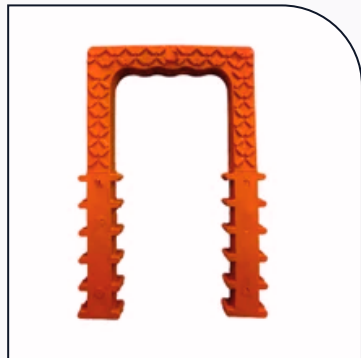
Place the PVC Rung at the marked location on the Four protruded bolts were, some portion of the protruded bolts (all four) is seen on the upper portion of the Rung through the holes after placing.

Tighten the bolts with the nut securely so that the anchoring is done to the maximum possible extent to ensure Firm fixing of the PVC Rung.

Further the steps will have to be fixed one foot apart in a zig zag manner to enable easy climbing up and down



# PRODUCT SPECIFICATION

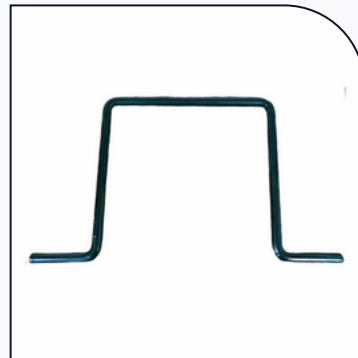


1

## PLASTIC MANHOLE STEP

### Size

170\*260\*25mm  
12 MM TMT



2

## PVC COATED MS/SS RUNGS

### Size

300\*300\*150mm  
16/20 MM TMT

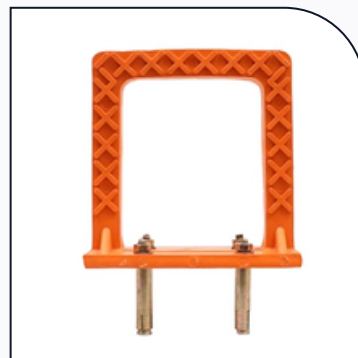


3

## PLASTIC MANHOLE STEP

### Size

365\*160\*25mm  
10 MM TMT

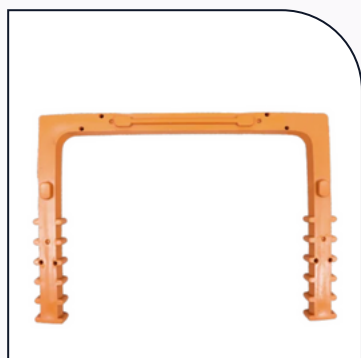


4

## ANCHOR FOOTSTEP

### Size

170\*165\*25mm  
12 MM TMT



5

## PLASTIC MANHOLE STEP

### Size

375\*260\*25mm  
12 MM TMT



6

## PLASTIC MANHOLE STEP

### Size

290\*240\*25mm  
12 MM TMT



**THANK YOU**

We manufacture customized PVC encapsulated rungs with premium quality materials. And, to ensure workmen's safety, our PVC Rungs provide a firm grip while climbing the rungs.

**Website**

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