

# VECTUS<sup>®</sup>

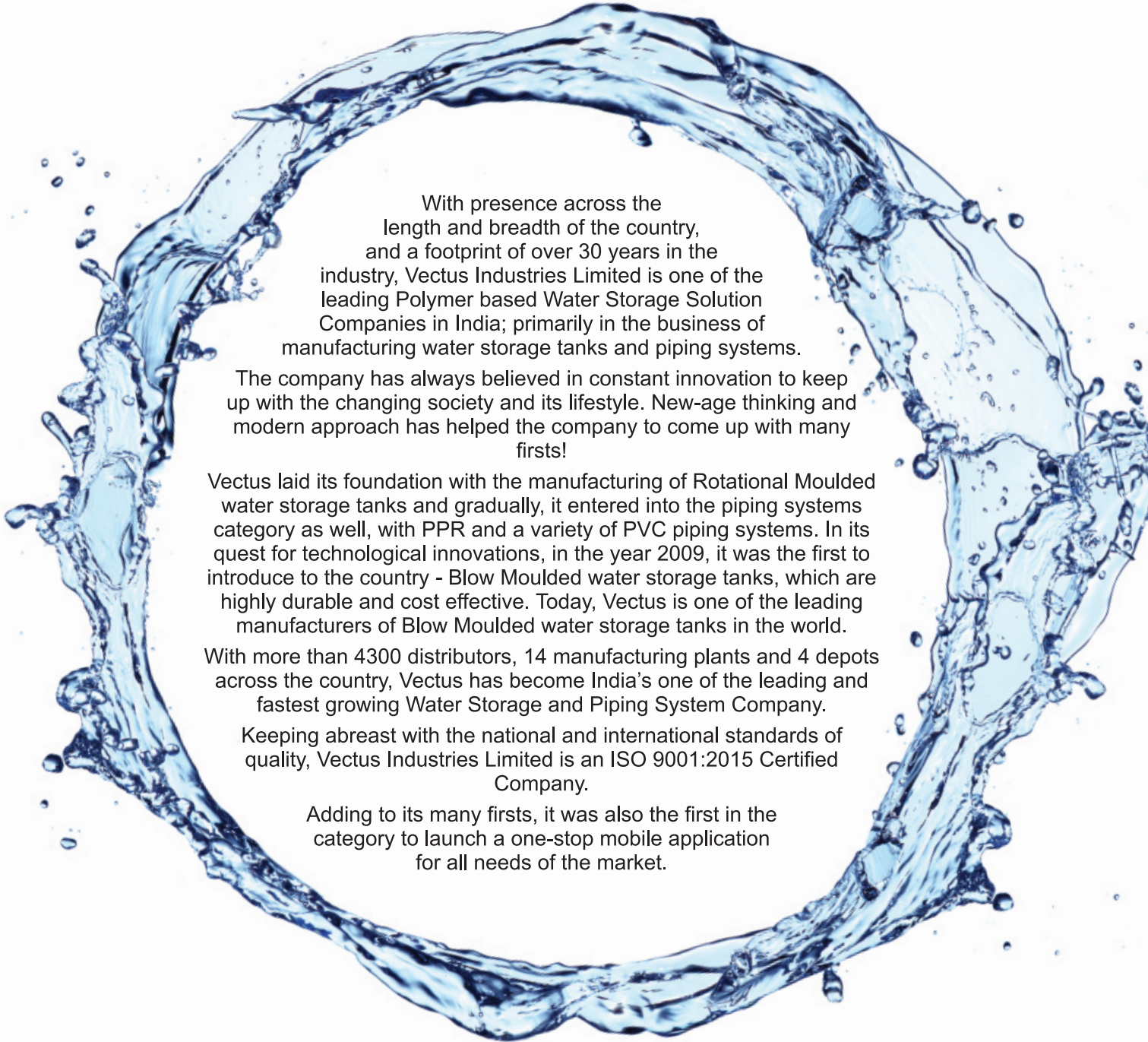
## PIPES AND TANKS

*India ki  
Waterline!*



**TANK CATALOGUE**

## < ABOUT THE COMPANY >



With presence across the length and breadth of the country, and a footprint of over 30 years in the industry, Vectus Industries Limited is one of the leading Polymer based Water Storage Solution Companies in India; primarily in the business of manufacturing water storage tanks and piping systems.

The company has always believed in constant innovation to keep up with the changing society and its lifestyle. New-age thinking and modern approach has helped the company to come up with many firsts!

Vectus laid its foundation with the manufacturing of Rotational Moulded water storage tanks and gradually, it entered into the piping systems category as well, with PPR and a variety of PVC piping systems. In its quest for technological innovations, in the year 2009, it was the first to introduce to the country - Blow Moulded water storage tanks, which are highly durable and cost effective. Today, Vectus is one of the leading manufacturers of Blow Moulded water storage tanks in the world.

With more than 4300 distributors, 14 manufacturing plants and 4 depots across the country, Vectus has become India's one of the leading and fastest growing Water Storage and Piping System Company.

Keeping abreast with the national and international standards of quality, Vectus Industries Limited is an ISO 9001:2015 Certified Company.

Adding to its many firsts, it was also the first in the category to launch a one-stop mobile application for all needs of the market.





## < BLOW MOULDING PROCESS >

Blow Moulding is a specific manufacturing process by which hollow plastic objects are formed. The Blow Moulding process begins with melting down the plastic and forming it into a parison. The parison is a tube-like piece of plastic with a hole in one end through which compressed air can pass.

The parison is then clamped into a mould and air is blown into it. The air pressure then pushes the plastic out to match the mould. Once the plastic has cooled and hardened the mould opens up and the part is ejected.

It is a highly versatile manufacturing option that allows for unlimited design possibilities. The process also has a number of inherent design strengths, such as consistent wall thickness and strong outside corners which are virtually stress free. For additional strength, ribs form an integral part of the design.

## < ROTO MOULDING PROCESS >

Rotational Moulding involves a heated hollow mould which is filled with a charge or shot weight of material. It is then slowly rotated (usually around two perpendicular axes), causing the softened material to disperse and stick to the walls of the mould. In order to maintain even thickness throughout the part, the mould continues to rotate at all times during the heating phase and to avoid sagging or deformation also during the cooling phase.

Vectus has installed the state-of-the-art plants which are one of their kind in the subcontinent, encompassing the complete process in-house, beginning from extrusion, pulverisation to roto moulding on Bi-Axial Roto Moulding machine.



# Vectus Granito Tank

Available Colours



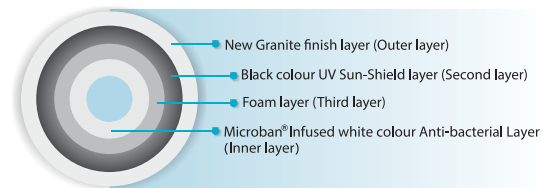
The Vectus Granito range of Anti-Bacterial water storage tanks has a cutting-edge, attractive design. It comes in a granite-finish and is available in 2 different granite shades - red & white. These tanks are made up of 4 layers, each one serving a very specific purpose. Ideal for household applications.



Superior Rotational Moulded threaded lid



Cross-section of 'Vectus Granito 4 Layer' Water Tank



## Salient Features:

- The Inner **Anti-Bacterial layer** infused with Microban, Anti-Bacterial Technology which eliminates bacteria by 99.9%.
- Intermittent Foam layer** which keeps water resistant from external temperature variation even under extreme conditions.
- Intermittent Black color **UV sun-shield layer** which protects it from harmful UV rays.
- The attractive outermost **Granite finish layer** of the tank enhances the beauty of your house.
- Available in sizes from 550 to 10000 liters

Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

\*There could be variations in specifications and colors due to continuous product development. All sizes and capacities are approximate.

## SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
550	870	970	390
750	990	1035	390
1100	1110	1190	390
1500	1230	1345	390
2000	1335	1490	390
3000	1550	1750	450
5000	1880	2010	450
10000	2300	2610	480





# Vectus Cool Tank

Available Colours



The Vectus Cool range of Anti-Bacterial water storage tanks has been designed to keep your water pure, safe and cool. These tanks consist of 4 layers, each one serving a very specific purpose. Ideal for household and industrial applications.



Superior Rotational Moulded threaded lid



## Salient Features:

- The Inner **Anti-Bacterial layer** infused with Microban anti-bacterial technology, which eliminates bacteria by 99.9%.
- Intermittent Foam layer** which keeps water resistant from external temperature variation even under extreme conditions.
- Intermittent Black color **UV sun-shield layer** protects it from harmful UV rays.
- Outer high quality **Titanium loaded layer** gives strength and whiteness to the tank.
- Free from hazardous heavy metals as per the European standards which makes the water safe for drinking purpose.
- Available in sizes from 550 to 10000 liters

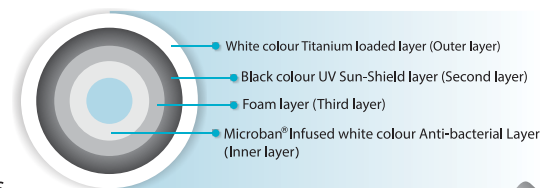
Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

RoHS: Vectus cool tanks are certified as per the Restriction of Hazardous substance (RoHS) Directive (European Union) 2015/863, which ensures that there are no hazardous heavy metals like Lead, Mercury, Cadmium etc present in the tanks.

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Cross-section of 'Vectus Cool 4 Layer' Water Tank



## SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
550	870	970	390
750	990	1035	390
1100	1110	1190	390
1500	1230	1345	390
2000	1335	1490	390
3000	1550	1750	450
5000	1880	2010	450
10000	2300	2610	480

# Vectus Safe Tank

Available Colours



The new Vectus Safe range of Anti-Bacterial water storage tanks has been designed keeping in mind the good health of your family, This tank is free from hazardous heavy metal which keeps water safe for human consumption. It is made up of 3 layers, each one serving a very specific purpose. Ideal for household and industrial applications.



Superior Rotational Moulded threaded lid



## Salient Features:

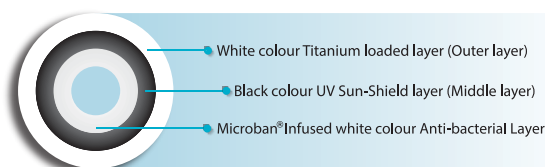
- The Inner **Anti-Bacterial layer** infused with Microban anti-bacterial technology, which eliminates bacteria by 99.9%.
- Intermittent black colour** UV sun-shield layer protects it from harmful UV rays.
- Outer high quality **Titanium loaded layer** gives strength and whiteness to the tank.
- Free from hazardous heavy metals as per the European standards which makes water safe for drinking purpose.
- Available in sizes from 550 to 10000 liters

Microban® is the global leader in anti-microbial, odour control and surface modification technologies. Its proactive systems keep products cleaner, fresher and more durable by preventing problems before they start.

RoHS: Vectus Safe tanks are certified as per the Restriction of Hazardous substance (RoHS) Directive (European Union) 2015/863, which ensures that there are no hazardous heavy metals like Lead, Mercury, Cadmium etc present in the tanks.

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Cross-section of 'Vectus Safe 3 Layer' Water Tank



## SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
550	870	970	390
750	990	1035	390
1100	1110	1190	390
1500	1230	1345	390
2000	1335	1490	390
3000	1550	1750	450
5000	1880	2010	450
10000	2300	2610	480



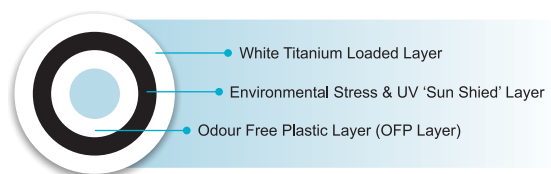
# Vectus Smart Tank

The Vectus Smart Tank is a new range of Roto moulding water storage tanks. Made up of 3 layers namely. White Titanium layer (Outer layer), Environmental stress & UV "Sunshield" Layer. ( Middle Layer), Odour free plastic layer (Inner Layer), The odour free plastic layer keeps water free from any unpleasant odour that could form due to growth of bacteria or stagnancy of water.

Available Colours



Cross-section of 'Vectus Smart 3 Layer' Water Tank



## Salient Features:

- ▶ Virgin Raw Material
- ▶ Odour-Free Plastic layer
- ▶ Lightweight yet Super Strong
- ▶ Threaded Lid
- ▶ Available in sizes from 500 to 2000 liters

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.

## SPECIFICATION

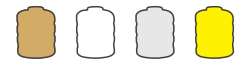
Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
500	820	965	390
700	940	1030	390
1000	1060	1110	390
1500	1230	1320	390
2000	1340	1480	390

## Vectus Next Tank

The Vectus Next range of anti-bacterial Water Storage Tank have been designed keeping in view the needs of people for all kinds of applications - domestic, commercial and industrial. Every tank is made up of Multi layer, each one serving a very specific purpose.

Although, each Vectus Next Water Storage Tank goes through strict Quality Control checks before it leaves the plant, we further provide a 5 years guarantee on every tank.

### Available Colours

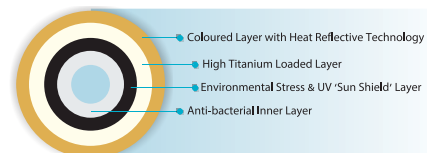


Unique Threaded Lid

### Salient Features:

- ▶ Rounded edges to avoid stress formation.
- ▶ Computer Aided Design (CAD) incorporating the principles of Finite Element Analysis.
- ▶ Unique Heat Reflective Technology to increase durability and avoid plastic degradation by sun rays.
- ▶ Inner anti-bacterial layer resistant to all kinds of bacteria, fungi and yeasts - which is turn means increased life of the tank.
- ▶ Odourless and better quality of water , which means better health for you & your family.
- ▶ Available in 2, 3 & 4 layers.
- ▶ Available in size from 200 to 2000 liters.

Cross-section of 'Vectus Next 4 Layer' Water Tank



### SPECIFICATION



Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
200	595	770	390
300	700	830	390
500	840	1020	390
750	970	1190	390
1000	1050	1310	390
1500	1200	1500	390
2000	1330	1550	390

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.



## Vectus Silk Tank

The Vectus Silk is a range of blow-moulded water storage tanks. Made up of 3 layers namely, White Titanium Layer (Outer Layer), Fine Carbon Distribution Layer and the OFP Layer (Inner layer). The Odour-Free Plastic Layer keeps the water free from any unpleasant odour that could form due to growth of microbes or stagnancy of water.

### Available Colours

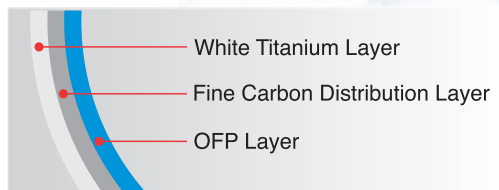


### Salient Features:

- ▶ Virgin Raw Material
- ▶ Odour-Free Plastic layer
- ▶ Lightweight yet Super Strong
- ▶ Threaded Lid
- ▶ Available in 3 layers
- ▶ Available in sizes from 500 to 1000 liters



Cross-section of 'Vectus Silk 3 Layer' Water Tank



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
500	860	940	380
750	960	1090	380
1000	1050	1220	380

## Vectus Loft Tank

### Available Colours



### BLOW MOULD - SPECIFICATION

Capacity (Ltrs.)	Length (mm)	Width (mm)	Height (mm)	Manhole Dia (mm)
100	780	535	280	268
200	955	655	380	268
300	1110	750	420	268
500	1350	950	460	268

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.

## Vectus ISI Tank



Vectus ISI is a superior quality Rotational Moulded water tank conforming to IS 12701: 1996 (reaffirmed 2006).

Polyethylene (PE) of Rotational Moulded Grade, which is duly stabilized with anti – oxidants is used as raw material for manufacturing of the tank. The compound hence formed provides protection against heat and oxidation of tanks. The nominal service temperature of Vectus ISI tanks varies from 1° C to 50° C.

Since, we use the conventional Rotational Moulding technology for manufacturing of these tanks, therefore, the finished product comes out to be stronger and more rigid as compared to other tanks in the market. Vectus ISI tanks are available from 200 liters to 10,000 liters.



### SPECIFICATION

Capacity (Ltrs.)	Overall Diameter (mm)	Overall Height (mm)	Manhole Dia (mm)
200	742	560	280
300	761	770	280
500	905	1000	400
700	1020	1045	400
1000	1127	1230	400
1500	1320	1410	400
2000	1400	1610	390
3000	1620	1890	460
5000	1846	2010	460
10000	2045	2800	460

### Salient Features:

- ▶ Virgin raw material
- ▶ Heat & oxidation resistant
- ▶ Smooth surface finish
- ▶ 5 years of Guarantee
- ▶ Odour free
- ▶ Available in sizes from 200 to 10000 liters

\*There could be variations in specifications and colors due to continuous product development, All sizes and capacities are approximate.



## Vectus Underground Tank

With the increasing population and demands of every individual, conserving space has become the utmost concern for a diverse country like ours. Minimalism is the key to create more space and our line of products truly hold this characteristic. Besides underground solutions, convenience of mobility is also a unique feature which saves money and valuable time to build facilities.

### Unique Features

- ▶ Structurally strong
- ▶ Lifting provision for easy handling
- ▶ Made of food grade material which makes it resistant to fungus and bacterial growth
- ▶ Easy to install
- ▶ Comes with an airtight manhole cover assembly that prevents contaminants from flowing into the tank
- ▶ Being modular, it's easy to expand
- ▶ Impermeable to roots of trees
- ▶ One piece Roto Moulded tank without any joints, hence leakage proof.

### Usage

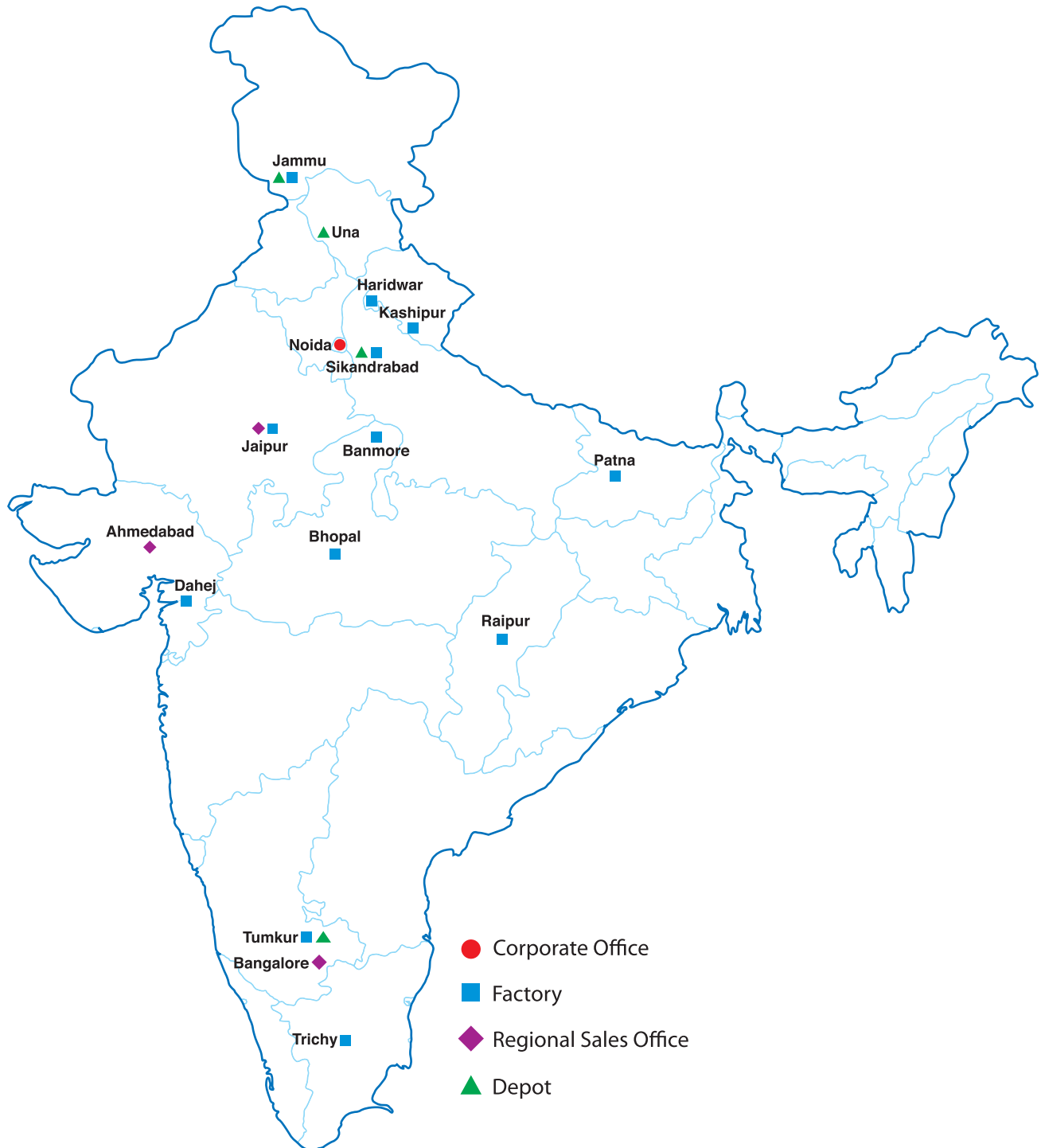
- ▶ Underground Water Storage
- ▶ Rainwater Harvesting
- ▶ Water storage for Industries
- ▶ Storage for fire fighting
- ▶ Easy Reservoirs for irrigation system



### SPECIFICATION

Capacity (Ltrs.)	Width (mm)	Height (mm)	Length (mm)	ManholeDia (mm)
1000	1060	1395	1450	600
2000	1340	1700	1830	600
5000	1870	2150	2120	600

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