



**TUV NORD** DIN EN ISO 9001 : 2008

# Synopsis

2012





# Introduction

ZTC International Landscape Solutions (P) Ltd., a pioneer company in setting standards for Landscape Engineering in India, is a brand name in itself for Eco-friendly products. ZTC offers its esteemed clients specialised product solutions that help them innovate and manage their Landscape effectively by introducing eco friendly concepts like Green Walls or Vertical Gardens, Roof Greenery or Intensive and Extensive Roof Gardens, Storm Water Management, Rainwater Harvesting and Recharge, Sprinkler and Drip Irrigation, Aesthetic and Architectural Water Features, Lake Management and many more.

## VISION

To maintain the leadership position by constantly introducing world class innovative products to enhance proficiency and efficiency of Landscape Engineering solutions.

## MISSION

Strive to excel in providing our customers with specialised quality products that would enhance the required effect, ensuring customer delight at all times.

## GOAL

To provide Landscape Engineering solutions to create an eco-friendly environment.

## OUR CORE VALUES

- Creating Client Value
- Innovation
- Team Work
- Integrity
- Commitment
- Seamlessness



## OUR QUALITY POLICY

We relentlessly endeavour to delight our customers by providing world class, innovative, high quality products in Landscape Engineering. We consistently develop our services by exploring and implementing creative ideas so as to establish enduring professional relationships with our valued clients. We are fiercely committed to the continuous improvement and implementation of our Quality Management System.



# Fountain Technology

We at ZTC are involved with designing and engineering of exclusive Fountain system in association with Oase - Germany. We install the highly effective systems and the finished work is something to be proud of. The products are designed by ZTC in such a manner that they are aesthetically appealing for complex fountains like Interactive, Jumping Jet & Musical Fountain system.



Brigade Gateway



Dosti Pinnacle



RMZ Infinity



Brigade Sheraton Hotel

## Advantages

- Highly developed
- Easy to maintain
- Increase in the value of the property
- Provides a place to relax



ETA Gardens



Brigade Interactive Fountain



Crane Dance Fountain



Flash Wall Fountain



# Lake Management

It is one off the first company in India to give a complete solution for lake management: artificial / natural lakes in collaboration with Oase - Germany. The tailored product systems from Oase satisfy the most rigorous quality specifications and thus ensure peerless water quality. Innovative products for creative design complete the overall picture of the water landscape.



Brigade Gateway

## Advantages

- Low maintenance
- Low energy requirement
- Water regenerates itself
- Sustainable good water quality
- Eco friendly equipments for aquatic living beings





# Bio Filtration

ZTC International is closely associated with Oase - Germany since they provide the best products for Bio Filtration solutions. ZTC International is involved in exclusive Design Engineering & Execution of Bio ponds of any size & shape.



Narayan Manne



Prestige Laughing Water



SS Malikarjuna Residence



Concepts



## Advantages

- Easy Maintenance.
- High – Quality, Impact – resistant material.
- Water clear through Mechanical/ Biological Cleaning with effective UVC Technology.
- ECO Friendly for Aquatic Living being.



ETA Gardens



# Vertical Garden

A Green Wall, also known as living wall, bio wall or a vertical garden, is a living plant based exterior or interior wall to buildings or homes which may be free standing structures or part of the building or can be customised as per the site requirement. ZTC is the pioneer in introducing Green Wall concepts in India and also one of the first companies in the world to design a Green Wall more than 150 meters high under one roof.

HK Kadosh products are specifically designed by ZTC International for high rise buildings, considering various factors such as Wind, Weather, Weight, Maintenance, Irrigation, etc.



Qualcomm



WTC - Brigade Gateway



Sunil Sarawagi

## Advantages

- Added aesthetic site value
- Improved heat insulation of walls & facades
- Improved sound insulation
- Enhanced air quality
- Reduced airborne pollutants & Improved Thermal performance
- Reduced carbon dioxide levels
- Improved oxygen levels
- Improved air quality - fusion of dust and Airborne particulates
- Contributes to lowering urban temperatures
- High aesthetic appeal
- Encourages insect and bird life
- Minimal maintenance
- Low growing and totally self-sustaining
- Easy to install



ZTC Show Room



# Roof Garden

ZTC International is associated with Elmich - Singapore, a leading manufacturer of eco-friendly landscape engineering and construction products, to provide you with unique and state-of-the-art landscape designs and engineering solutions. The material used is VersiCell which is an efficient lightweight, high strength, interlocking drainage module that captures and transports high water volumes and protects the waterproofing membrane. It is ideally suited for use in intensive Green Roof systems where load weight bearing capacity and efficient drainage is important. ZTC provides efficient solutions in intensive and extensive Green Roof systems and is a pioneer in introducing the same in India.

Around 500,000 sq feet intensive podium green roof which is one of the largest in Asia has been designed by ZTC.



Brigade Metropolis

## Advantages

- Create green open spaces
- Retain and manage rainwater
- Provide diverse habitats
- Modify urban micro-climates
- Improve air quality
- Insulate against heat and sound
- Provide economic benefits
- Provide social benefits





# Sprinkler Irrigation System

ZTC in collaboration with Hunter - The US uses rotors, sprays, valves, controllers, sensors, and other products to provide irrigation solutions for large and small landscapes. ZTC International conceptualises designs and executes all the irrigation projects in India.

## Advantages

Water conservation is the main reason for an irrigation system. Every inch of your property will have even coverage and distribution of water. The watering will be timed and calibrated so there will be no wastage of water, giving you a green lawn and saving your money.



# Artificial Grass

ZTC International does the design and installation of artificial grass. This could also be one aspect of a landscaping project. ZTC International, in association with Pe-Ba, makes this possible.



Brigade Metropolis - Entrance Canopy

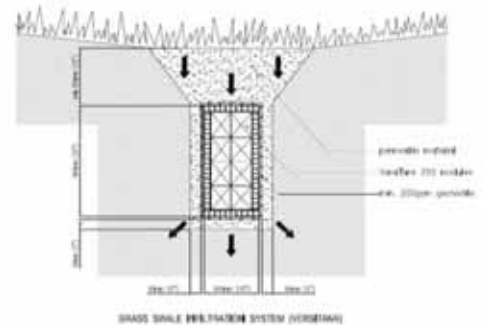


Brigade Metropolis - Shopping Arcade



# Storm Water Management

ZTC uses VersiTank storm water tanks which provide an efficient at- source management system for rainwater from roofs and other impermeable surfaces such as parking areas, driveways, playgrounds and sports fields. Supplied by Elmich, VersiTank modules are easily assembled on-site by clipping together lightweight, high strength interlocking panels.



## Rain Water Harvesting

ZTC, with Elmich, Singapore, provides top of the line Rainwater Harvesting and recharge systems for optimised utilisation. Elmich products have been installed in various projects worldwide on numerous international residential, commercial, infrastructure and industrial projects. ZTC uses VersiTank which is a heavy duty recycle plastic tank that allows either sub-surface infiltration or storage of rainwater or acts as storage tank of rainwater. VersiTank modules are easily assembled on site by clipping together lightweight, high strength interlocking panels.





# Play Equipment

ZTC helps the client to design and engineer the play areas for children with various products supplied by Kompan - Denmark. The designs utilise the space as effectively as possible, taking into consideration the layout of the land and other landscape elements. Kompan has a range of products/ concepts that can be used for various types of play areas and for children of 1+ to 15+ years.



Freedom Park



Neev School



Sandur School

## Advantages

- Safe and secure products
- Unique material
- Innovative design
- Warranty from 2 to 20 years



New Play Equipment - Bloqx



Harish Mahindra Park



# Indoor Fountain

ZTC International uses the Indoor Fountains supplied by Seliger -Germany to beautify the landscapes.

- Indoor Fountains
- Water walls
- Slate fountains
- Stainless steel fountains
- Ceramic fountains
- Precious stone fountains
- Artificial stone fountains
- LED Lights





# Our Clients



And many more...



# Latest Projects



At the **Virwani Farmhouse** located on the outskirts of **Bangalore** ZTC installed two Green Walls. Total area of the walls is **142 sq mts**. Total 466 modules have been used to cover the two walls. The wall is outdoor Green Wall.

Both the walls are East facing and so the plants used are types that grow well in the such condition. The added advantage of the Green Wall is to keep both the East facing rooms much cooler in summers.

The Green Wall covers the sides of the wall too. Bright and colourful plants selected for the wall give it a unique appearance and makes it a true visual delight.

ZTC International installed a Fountain at the entrance of **Orion Mall, Bangalore**. The Cascade Fountain has 21 numbers of jet with water dependent nozzles with Trickling water effect.

The fountain bestows the entrance with a scenic view when the fountain water cascades. The calming sound of the water adds to the delight of visitors of the mall.



ZTC International installed an indoor Green Wall in the lounge area of the ISTA Hotel in Vastrapur Ahmedabad. The total area of the wall is 90 sq mts.

Indoor plants suitable to the site conditions have been used to provide a unique look to the wall.. Appropriate amount of artificial light has to be provided to the plants for the proper growth.

The wall will provide added benefits like improved indoor air quality, better insulation, energy savings, provide more relaxing atmosphere and numerous such benefits apart from giving aesthetic appearance to the plain wall.





# Latest Projects

For the **FIRST time in India** interactive fountain with RGB LED lights and remote sensors was designed, programmed and executed by ZTC at the **Orion Mall - Brigade Gateway Bangalore**.

Interactive fountain pump Varionaut 2 (Oase, Germany make), fountain jet Comet 36 numbers (Oase, Germany make), underwater junction box with electrical terminal point IP 68 4 numbers (Oase, Germany make), DMX easy controller 1 number, and RGB LED light with remote access (Seliger, Germany) were used to make the beautiful fountain functioning.





# Latest Projects

ZTC International Landscape Solutions Pvt. Ltd. installed 20 numbers of play equipments and 6 numbers of seaters for the Sandur Residential School. School children from the age 2 to 6 years can play on these equipments. Total area of the play ground at the school is 400 square meters.

The variety of play equipments used at the school are: Lighthouse, Hopper, Spinner Bowl, Racer, Octopus Seesaw, Swings, Sliders, and Home and Ocean Themes to name a few.



Concept







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