



Confederation of Indian Industry



IGBC

GREEN

BUILDINGS OF INDIA

The Pioneers who changed the Perspectives

2nd EDITION



Rating System: Green New Construction

Location: MIDC Bhosari, Pune, Maharashtra

Area: 0.6 Acres Site, 12663 SF Built-Up

Promoter: A.T.E. Enterprises Private Limited

Project In-Charge: Mr. Nikesh Jain, CFO

Architect: RMA Architects Private Limited

MEP Consultant: ARKK Consulting

GREEN Consultant: Godrej & Boyce Mfg. Co. Ltd.

“ This green building highlights A.T.E.’s commitment to sustainability in terms of people and planet. People – by providing a healthy, safe and comfortable work environment; and Planet – by using low impact construction and creating an energy efficient building. ”

- Mr. Anuj Bhagwati
Managing Director, A.T.E. Enterprises Private Limited

Green Certification: Gold



Building Use

- 75 people
- 8-10 hrs



Water Management

- Low-flow plumbing fixtures leading to 40% potable water savings
- Rainwater harvesting reduces site run-off by 55%



Energy Efficiency

- Skylights for natural daylight and efficient lighting design
- HVAC cooling system that ensures a fresh environment
- Energy conservation measures leading up to 18% energy savings



Resource Management

- The building is built with Eco - friendly materials including 21% recycled content in total material cost and FSC certified wood usage for 80% of the total wood cost
- 97% of total generated construction waste has been recycled



Landscape Strategies

- Landscape design has native / adaptive vegetation that consumes less water
- Open grid pavers cover 88% of the exposed non- roof areas boosting rain water harvesting
- Spaces reserved for parking electric vehicles, electric charging station for hybrid vehicles, premier parking spots for car-pooling employees
- Open-air cafeteria and landscaped open areas contribute to a healthy and productive workforce



Screening / Glazing Strategies

- An efficient building envelope with a high performance glaze and over-deck insulation



A.T.E., ECOAXIS & HMX OFFICE 89





Location: Sari, Ahmedabad, Gujarat

Area: 12.73 Acres Site, 50152 SF Built-Up

Promoter: A.T.E. Enterprises Private Limited

Project In-Charge: Mr. Nikesh Jain, CFO

Architect: RMA Architects Private Limited

MEP Consultant: SMPS Consultants LLP

GREEN Consultant: Conserve Consultants Private Limited

Rating System: Green New Construction

Green Certification: Gold



Building Use

- 175 people
- 8-10 hrs



Water Management

- Low-flow plumbing fixtures leading to 45% potable water savings
- 100% of wastewater treated on-site and reused for gardening
- Rain water harvesting pits to recharge ground water



Energy Efficiency

- Skylights for optimal daylighting
- Energy efficient equipment and building envelope leading to 50% energy savings above ASHRAE 90.1.2007
- Energy efficient HMX Hybrid Ambiators that provide 100% fresh air and thermal comfort as per the ASHRAE 55.2004 standard



Resource Management

- Sustainable design incorporates green walls
- Energy efficient building materials like high SRI material for the roof, low VOC paints and CFC free equipment
- Temperature and humidity sensors at site help control the environment and optimize the use of energy



Landscape Strategies

- Dedicated waste management system,
- Implementation of water efficient landscaping practices with native / adaptive vegetation,
- Mass transit services for employees

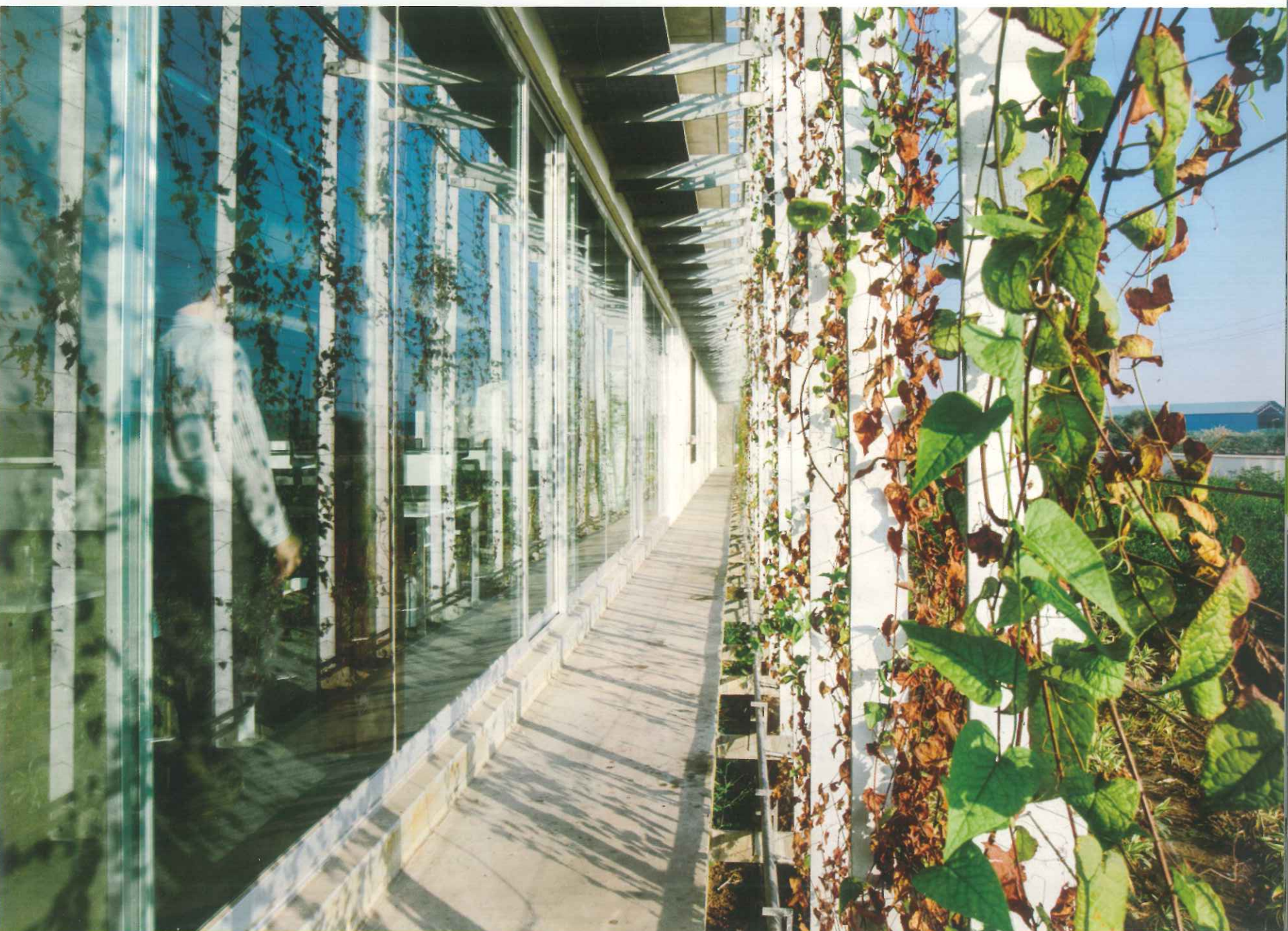


"We believe our business must be safe, healthy and environmentally sensitive. Of course, they must meet functional requirements and be designed to be a pleasure to work in. We are pleased we could achieve our goals in our TeraSpin facility."

- Mr. Anuj Bhagwati
Managing Director, A.T.E. Enterprises Private Limited



TERASPIN BUSINESS UNIT 157



Published by

CII - Indian Green Building Council
Survey # 64, Kothaguda Post, Hyderabad - 500 084, India
cii.in | igbc.in | igbc@cii.in

MRP ₹2,000
ISBN: 978-93-5196-529-9

