A turnkey community sanitation solution...
Municipal Corporations & government bodies

Served 45 Municipal corporations across the country

Corporates

Number of units installed to date: **5000**

~2700 units in rural areas

20 states
EZYNEST FEATURES

Sandwich panels, made of 0.6mm thick powder coated Skin Passed Zero Spangled ROHS compliant Galvanized steel, with 32mm high density EPS (Expanded Polystyrene) insulation inside it, to make the toilet usage comfortable.

The steel panels have a glossy colored finish and mounted on structures at 4 corners. The roof is also made of these steel panels.

The modular toilet solution comes with Steel doors, ventilation (Louvres), foundation, and installation service.

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Benefit of having steel panel based construction is that the steel material is 100% recyclable.

Nest-In is eco-friendly in the sense that the construction process is almost dry and does not waste resources or pollute the environment to the extent the conventional building methods do.

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Designated EzyNest Sales Managers across various regions for project coordination and management.

Designated Quality Supervisors for quality assurance right from material dispatch till installation and handover.

Pan India network of Solution Partners to ensure seamless and smooth installation at sites.

Independent Manufacturing Capability at multiple locations exclusively for EzyNest.
- Life of the structure is a function of **durability and stability**
- Stability of the structure increases when the ratio of the substructure to superstructure is high
- Ratio for EzyNest: $2600/200 = 13$
- Ratio for Brick and Mortar solution: $2600/1600 = 1.625$

- The weight of the super structure is **~200 kilos as compared to a brick and mortar super structure which weighs around 1600 kilos utilizing ~350 bricks**
  - 1 Cubic Meter Is Equivalent To 445 Bricks which weighs around 2000 kilos

- Durability of the structure is a function of the durability of its components
  - Paint: **Salt spray test** is a popular method of corrosion.
    - Number of years of corrosion resistance = Number of hours of SST/100 * 3
    - **Yellow paint** SST $\rightarrow$ 500 hours; No. of years = **15 years**
    - **Blue paint** SST $\rightarrow$ 1000 hours; No of years = **30 years**
  - **Steel**: Being an extremely ductile component, the structure will not be brittle under extremely high external forces. Steel has a yield tensile ratio of approximately 0.93
<table>
<thead>
<tr>
<th>Parameters of comparison</th>
<th>Brick and mortal toilet</th>
<th>EzyNest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portability</td>
<td>Immovable</td>
<td>Can be dismantled</td>
</tr>
<tr>
<td>Ease of installation</td>
<td>Multiple vendors</td>
<td>Single window solution</td>
</tr>
<tr>
<td>Construction Time</td>
<td>20 days</td>
<td>7 days</td>
</tr>
<tr>
<td>External Aesthetics</td>
<td>Workmanship dependent</td>
<td>Standard &amp; Elegant</td>
</tr>
<tr>
<td>Internal Finish</td>
<td>Exposed &amp; disjointed</td>
<td>Embedded &amp; concealed fittings</td>
</tr>
</tbody>
</table>

A 2 year old *brick and mortar* toilet

A 2 year old [EzyNest logo]

Available in Western & Indian style

- Foundation
- Wash Basin
- Water Tank
- Exhaust Fan
- Hand Railing
- High Wash Basin
- Slope Entry
**Solution Partners**

- Highly motivated partners with long term relationship with TATA Steel
- Distributors with businesses of over INR 20 crores per annum
- Trained team of civil engineers, project managers and day laborers employed by each partner

**TATA Steel M&S Team**

- A good mix of business professionals and technical experts
- Timely response and professional execution
- Highly qualified professionals are directly accountable for the project in their respective territories

- Reliability & quality commitment
- Extensive TATA Steel ecosystem
- Loyalty to TATA Steel and its customers
- Rural & urban experience
- Technically sound execution teams
OUR WORK

MERCEDES BENZ : CSR
NESTLE: CSR
VICTORIA MEMORIAL
THANK YOU

Creating a change one step at a time