

R.N.I. No. MAHENG/2012/45514

FEBRUARY 2018 • VOL. 6 • ISSUE 9 • PAGES 76 • ₹ 100 • THANE  
[www.buildconmedia.com](http://www.buildconmedia.com)

# BUILDING & CONSTRUCTION UPDATE

INDIA'S best Magazine for Building, Construction & Infrastructure Industry

BUILDING & CONSTRUCTION UPDATE



FEBRUARY 2018

An Buildcon Media Publication

# FIRST TIME IN INDIA

Technology for



Now Available as



The Ultimate Factory-Made Doors With Superior Composite Honeycomb Technology



\*Chaukhat also available

## DURABLE | ELEGANT | UNBEATABLE

HonDoorZ is a premium collection of doors that are made of a lightweight plastic honeycomb technology that is available in a wide range of aesthetic finish and customizable sizes suitable for homes and offices



All Weather Proof



100% Water Proof



Termite, Borer & Rust Proof



No Warping or Bending



Sturdy & Safe Aluminium Frame



Solid Hollow without Chaff



Zero Maintenance



[www.anjani.com](http://www.anjani.com)



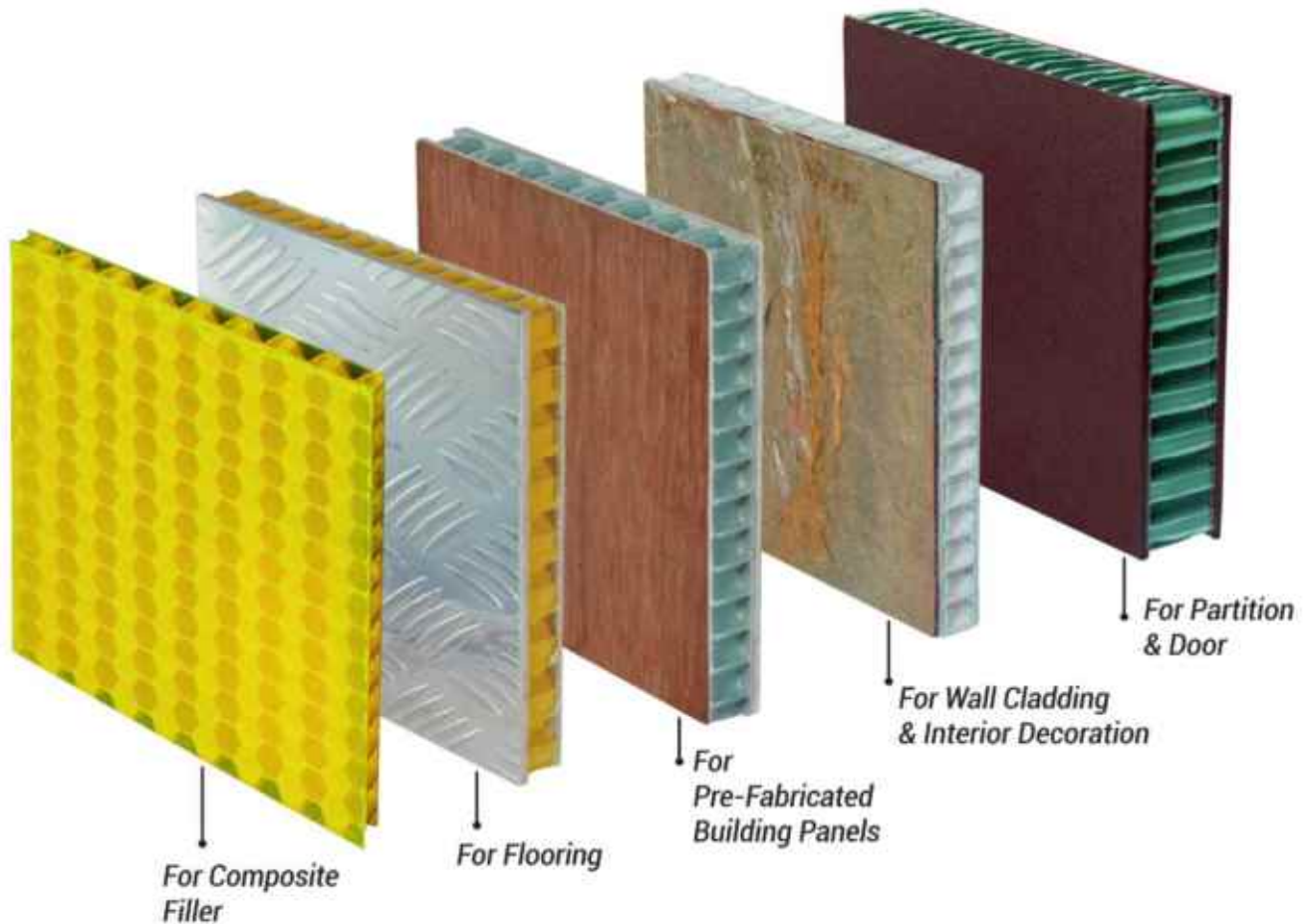
[sales@anjani.com](mailto:sales@anjani.com)



+91 99109 98000

# Composite Honeycomb Panels

Welcome to ATL's world of endless applications, infinite possibilities, revolutionary innovations



A demographic trend suggests that India is on the verge of large scale urbanisation in the next few decades. Access to housing and sanitation structures, a basic need of citizens, plays an important role in accommodating high urban growth in India. However, several structural issues such as high gestation period of housing projects, spiralling land and construction cost, unfavourable development norms and low affordability are bottlenecks restricting desired growth in supply in India with respect to the demand. On one hand, builders and facility providers are facing challenges in installation and fabrication with materials that are not only time

consuming and labour intensive but may also sometimes fail to suit the specific geographical conditions. Consider emergency shelters for medical camps or refuge purposes, or hygienic public convenience facilities in rural and sub-urban areas, or sustainable communities to house the masses. Each of these situations calls for analysis of the culture, geography and efficient use of resources such as people, land, electricity, water.

In the age of fast urbanization, it is imperative to look for building and construction technologies that are modular in nature and allow quick installation and habitation.

HonCorZ honeycomb panels are made

of food-grade thermoplastic that offers exceptional mechanical and chemical properties. The hexagonal core of honeycomb extends high strength to weight ratio while the polypropylene material offers the desirable zero maintenance features. Honeycomb panels have been used for some time in aircraft and are rapidly gaining favour in truck bodies as well as a sandwich panel for door fillers and furniture. HonCorZ, a homogeneous honeycomb panel manufactured in India by ATL with a unique continuous process, is a high quality modular composite that provides structural support and robustness to the building and construction applications. Altering specifications of



the composite panel produces different performance characteristics, making HonCorZ adoptable for exponential number of applications. HonCorZ can be engineered to be a specific weight, absorb a specific load and possess the flexibility or stiffness required by the end application. Laminated honeycomb panels are capable of absorbing huge amounts of energy under impact loads which results in high structural crash worthiness. aircraft and are rapidly gaining favour panel manufactured in India by ATL with a unique continuous process, is a high quality modular composite that provides structural support and robust-ness to the building and construction applications. Altering specifications of the composite panel produces different performance

characteristics, making HonCorZ adoptable for exponential number of applications. HonCorZ can be engineered to be a specific weight, absorb a specific load and possess the flexibility or stiffness required by the end application. Laminated honeycomb panels are capable of absorbing huge amounts of energy under impact loads which results in high structural crash worthiness. The HonCorZ LITE® series is specifically designed to cater to various requirements in industries that warrant invisible strength and no-maintenance features; applications such as door fillers, tile and marble backers and support structure for other claddings such as carbon fibre, aluminium, stonework, FRP and pre-coated steel

(PPGI).

#### Modular Panelling System for Pre-Fabricated Applications

Smart cities & villages need smart technology – one that is cost effective, maintenance-free and does not require fancy engineering tools for construction. When the architect or builder requires scalable construction in locations that may not have access to the desirable tools and resources, ATL's honeycomb panel offer the perfect solution:

- Modular in nature and pre-engineered for simplified & quick installation
- No need for electricity or water for construction
- No requirement of heavy construction tools, equipment or machines
- Maintenance-free structure that is

46,47 → Article of Anjani Technoplast Ltd.

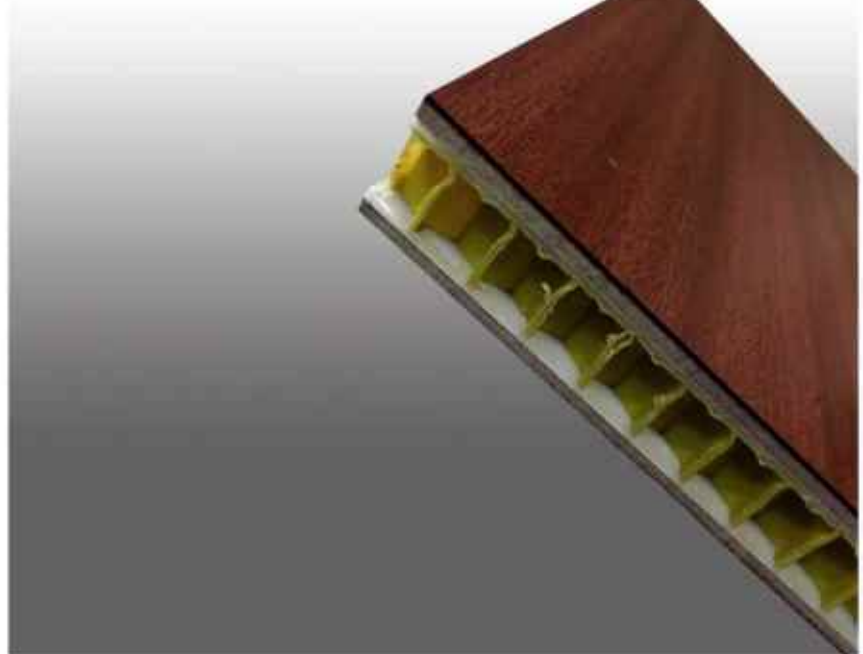
water proof, rust proof, termite proof  
 •Customization in design, portability and permanence

•Excellent thermal & acoustic insulation

ATL's HonCorZ is a complete solution that provides strength and lightweight features in its own capacity, hence distinguishing itself in comparison to other structural material such as gypsum boards, PUF panels and other reinforced composites.

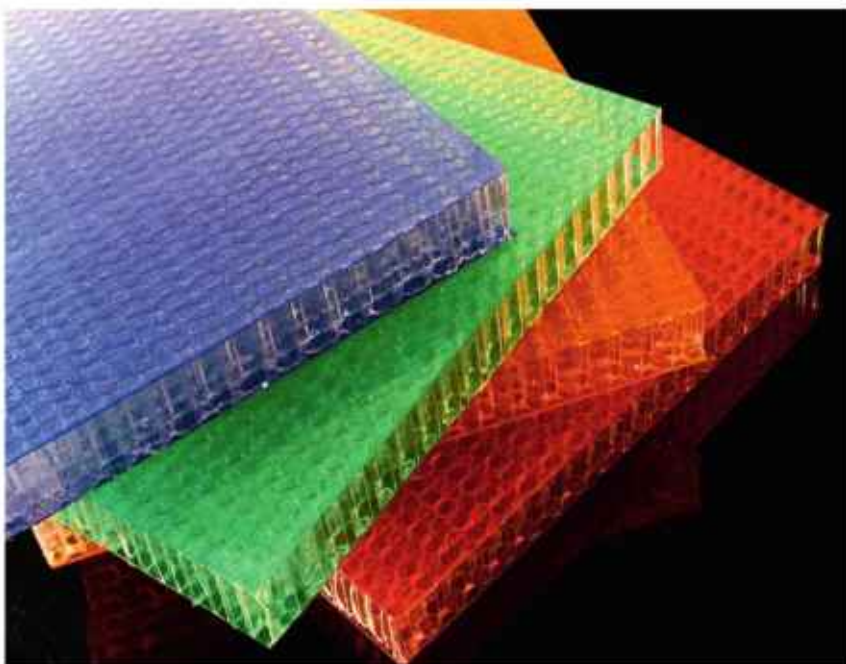
HonCorZ breaks the stereotype of the conventional structural material used in panelling, construction and interior decoration. Whether one is looking for opportunities to reduce weight on an existing application or is working on a new design with demanding requirements, ATL's HonCorZ technology can add value to your project and enable economies. For pre-fabricated panelling, honeycomb is widely used as:

- Doors and Door Filler
- Military Units & Emergency Shelter
- Porta-Cabins & Guard Rooms
- Mobile Homes, Toilets & Offices
- Partitions & Wall Cladding
- Roofing & False Ceiling



- Clean Rooms & Cold Storages
  - Modular Kitchen & Furniture
- ATL's Honeycomb is certified by the Building Materials & Technology Promotion Council(BMTPC). We have supplied to various government institutions such as NBCC, Delhi Shelter Improve-ment Board (DUSIB), Delhi Urban Arts Commission (DUAC), amongst others. HonCorZ is

a unique alternative for solid filling materials and applications in diverse industries from aerospace to construction to packaging. As a manufacturer and supplier of honeycomb, under the 'Make in India' initiative, ATL is steadily building a reputation for extending an Urban invaluable composite technology and world class manufacturing facility. One can sense the passion that intrinsic to the organization when R. K. Gupta, Director, ATL shares "HonCorZ is manufactured from the highest quality materials, using state of the art production equipment to rigorous quality control standards, ensuring long-term reliability and service life. That combined with our expertise in design innovation and industrial engineering allows Anjani to take your concepts to commercial production. This is the world of endless applications, infinite possibilities, revolutionary innovations."



**Contact:**

E-Mail: [quadbox@anjani.com](mailto:quadbox@anjani.com)  
 Website: [www.anjani.com](http://www.anjani.com)