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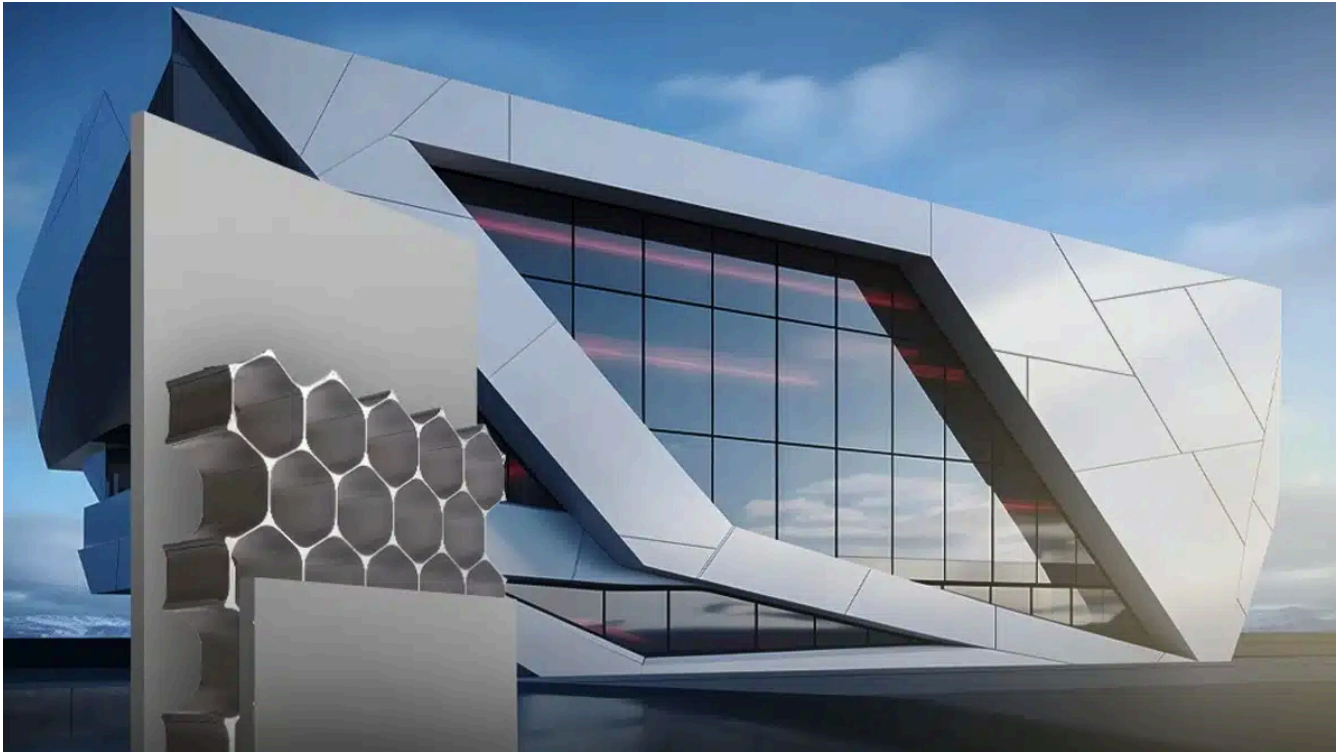


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# Fire-resistant honeycomb panels launched by Viva for safer buildings

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**Iain Hoey**

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## Viva announces fire-resistant FR A1-rated aluminium panels

Viva has introduced its FR A1-rated Honeycomb Panels, designed to enhance fire safety in architecture.

The company states that these panels meet the highest fire resistance standards under European Standard EN 13501-1, ensuring non-combustibility and zero contribution to fire, smoke, or toxic emissions.

According to Viva, the panels are engineered for safety-critical environments, including high-rise buildings, airports, commercial complexes, hospitals, and educational institutions.

The honeycomb core structure provides durability while maintaining a lightweight profile, making it suitable for modern construction.

## **Compliance with international fire safety standards**

The FR A1 rating indicates that the panels meet stringent fire safety requirements.

This classification, under the European Standard EN 13501-1, ensures that the panels do not contribute to fire, smoke, or toxic emissions.

Viva states that the panels have undergone rigorous testing to confirm their performance in extreme fire conditions.

These safety features align with international fire safety regulations, addressing the growing need for fire-resistant materials in construction projects worldwide.

The company highlights that the panels can be integrated into various architectural applications without compromising safety.

## **Structural benefits and design flexibility**

Viva's honeycomb panels are designed to balance fire resistance with structural integrity.

The honeycomb core allows for strength while keeping the material lightweight, making it easier to install and transport.

The company states that this construction method enhances durability and ensures long-term performance.

Additionally, the panels come with customisable finishes, enabling their use in different architectural designs.

The manufacturer notes that this flexibility allows architects and developers to incorporate fire-resistant materials without aesthetic limitations.

# Industry perspectives on fire safety solutions

Nitin Jain, Director of Viva Composite Panel Pvt. Ltd., commented on the product's development: "At Viva, safety, innovation, and sustainability drive our product development.

"Our FR A1-rated Honeycomb Panels are a testament to this commitment, offering architects and developers an unparalleled solution for fire-safe construction."

With increasing fire safety regulations in urban developments, manufacturers of building materials are introducing solutions that meet strict compliance requirements.

Viva's new panels are positioned as a response to this demand, providing an option that integrates fire resistance, durability, and environmental considerations.

## Fire-resistant honeycomb panels launched by Viva for safer buildings: Summary

Viva has introduced its FR A1-rated Honeycomb Panels, which meet the highest fire resistance classification under the European Standard EN 13501-1.

Designed for use in high-rise buildings, airports, commercial complexes, hospitals, and educational institutions, they provide a fire-safe construction option without compromising design flexibility.

The honeycomb core structure aims to ensure durability while keeping the panels lightweight, making them suitable for various architectural applications.

Viva states that the panels have undergone rigorous testing to confirm their performance under extreme fire conditions.

The company highlights their compliance with international safety regulations, addressing the demand for fire-resistant materials in modern construction.

Nitin Jain, Director of Viva Composite Panel Pvt. Ltd., said the panels reflect the company's commitment to safety, innovation, and sustainability.

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