

# Vacuum Insulation Panels Market Report Latest Trends and Future Opportunities Analysis

Driven by rapid urbanization, infrastructure development, and government initiatives in energy-efficient construction.

WILMINGTON, DE, UNITED STATES, November 21, 2025 / EINPresswire.com/ -- The growth of the global vacuum insulation panels (VIPs) market is primarily driven by the rapid expansion of the construction sector and advancements in the packaging industry.



According to the report, the global VIPs market was valued at \$8.1 billion in 2022 and is projected to reach \$12.7 billion by 2032, growing at a CAGR of 4.7% from 2023 to 2032.

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Prime Determinants of Growth:-

The market is driven by:

- Booming construction industry
- Growth of the packaging industry

However, factors such as high product costs and limited manufacturing capacity hinder market expansion. On the other hand, rising retrofitting activities, emerging economies, and energy-efficiency regulations create strong future opportunities.

Market Dynamics:-

#### Drivers:

- Surge in construction activities
- Expansion of packaging applications

#### Restraints:

- High cost of VIPs
- Limited manufacturing capabilities

#### Opportunities:

- Strict energy codes for new buildings
- Rising retrofitting & renovation demand

### Segmental Insights:-

### By Type:

- Flat Panels: Held the largest share (≈60%) in 2022 and will retain dominance due to widespread use in residential and commercial construction.
- Special Shape Panels: Expected highest CAGR of 4.9%, driven by demand in complex machinery, pipelines, and equipment insulation.

## By Raw Material:

- Metals: Accounted for ~60% in 2022 and will continue to lead, supported by rising demand from cold chain logistics and construction.
- Plastics: Expected to grow fastest (CAGR 5.0%) due to lightweight structure and suitability in space-constrained applications like appliances and automotive.

## By End-Use Industry:

- Construction Largest segment (≈50% share) due to infrastructure growth in developing economies.
- Others (including advanced appliances) Highest growth potential with a CAGR of 5.7%, supported by IoT-enabled smart appliance adoption.

## Regional Analysis:-

#### Asia-Pacific:

- Largest market in 2022 (40%+ share)

- Forecast to witness the fastest growth (CAGR 5.1%)
- Driven by rapid urbanization, infrastructure development, and government initiatives in energy-efficient construction.

#### Key Market Players:

- BASE SE
- Kingspan Group plc
- Panasonic Holdings Corporation
- Microtherm
- Evonik Industries AG
- va-Q-tec AG
- Avery Dennison Corporation
- Morgan Advanced Materials
- Kevothermal, LLC
- Knauf Insulation

These companies focus on product innovation, partnerships, expansions, joint ventures, and strategic collaborations to strengthen their global presence.

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