

Global Structured Insulated Panels Market Size study & Forecast, by Product (EPS Panel, Rigid Polyurethane (PUR) and Rigid Polyisocyanurate (PIR) Panel, Glass Wood Panels, Other Products), by Skin Material (Oriental Strand Board, Plywood, Other Skin Materials), by Application (Building Wall, Building Roof, Cold Storage) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G3825E5CA149EN.html>

Date: August 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3825E5CA149EN

Abstracts

Global Structured Insulated Panels Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than 6% over the forecast period 2023-2030. Structured Insulated Panels (SIPs) are building panels composed of a rigid foam insulation core sandwiched between two layers of structural facing materials, typically oriented strand board (OSB) or plywood. The insulation core provides excellent thermal resistance, while the facing materials provide structural strength and rigidity. SIPs are prefabricated in factory-controlled conditions and can be customized to fit specific building requirements. They are used as a construction material for walls, roofs, and floors in residential, commercial, and industrial buildings, offering energy efficiency, faster installation, and improved structural performance compared to traditional construction methods. The driving factors boosting the market growth are higher thermal resistance compared to traditional building materials and faster construction with cost savings. The higher thermal resistance offered by innovative building materials enhances energy efficiency and occupant comfort, potentially leading to long-term savings on energy bills. Simultaneously, faster construction techniques provide time and cost advantages by expediting project completion and reducing labor and material expenses. These combined benefits make these approaches appealing to the construction industry and building owners seeking sustainable, cost-effective, and efficient solutions.

According to the US Department of Energy, SIPs can reduce energy costs by 12% to 14% in residential buildings. SIPs offer higher thermal resistance than traditional building materials, resulting in reduced energy consumption for heating and cooling and contributing to energy efficiency and sustainability. SIPs' pre-fabricated nature enables faster construction. The National Association of Home Builders (NAHB) in 2018, states that SIPs can reduce construction time by 55% compared to traditional framing methods. The Structural Insulated Panel Association (SIPA) reports that SIPs can save up to 50% in labor costs due to their simplified installation process. Moreover, the growth of the construction industry in developing countries and increasing emphasis on green building initiatives and green practices are expected to create significant opportunities for the market. However, the lack of awareness about Structured Insulated Panels and volatility in raw materials (EPS and XPS) prices stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Structured Insulated Panels Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the rising demand from the residential sector, well-developed cold chain and logistics industry, and government efforts to build social infrastructure. In January 2023, the U.S. Department of Transportation allocated a total of USD 5 billion for nine mega-construction projects nationwide through the National Infrastructure Project Assistance (Mega) discretionary grant program. Asia Pacific is expected to become the fastest growing during the forecast period, owing to factors such as rapid construction growth in residential and commercial sectors and green building adoption.

Major market player included in this report are:

Cornerstone Building Brands

ArcelorMittal S.A.

Alubel SpA

DANA Group of Companies

Jiangsu Jingxue Insulation Technology Co. Ltd.

Kingspan Group

Manni Group SpA

Nucor Building Systems

Italpannelli SRL

Rautaruukki Corporation

Recent Developments in the Market:

In June 2022, Owens Corning acquired WearDeck, a Florida-based composite decking and structural lumber manufacturer, to enhance its weather-resistant product portfolio and expertise in commercial and residential applications. The acquisition aims to strengthen Owens Corning's market presence in the decking and lumber industry. In January 2022, Owens Corning launched FOAMGLAS Perinsul SIP, a thermal bridge solution for high-performance buildings. This new structural insulated panel, composed of cellular glass, effectively eliminates thermal bridging, enhances energy efficiency, and reduces performance degradation in case of moisture exposure.

Global Structured Insulated Panels Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Product, Skin Material, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

EPS (Expanded Polystyrene) Panel

Rigid Polyurethane (PUR) and Rigid Polyisocyanurate (PIR) Panel

Glass Wood Panels

Other Products (Extruded Polystyrene Foam)

By Skin Material:

Oriental Strand Board (OSB)

Plywood
Other Skin Materials (Cement Board)

By Application:

Building Wall
Building Roof
Cold Storage

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Structured Insulated Panels Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Structured Insulated Panels Market, by Product, 2020-2030 (USD Billion)
 - 1.2.3. Structured Insulated Panels Market, by Skin Material, 2020-2030 (USD Billion)
 - 1.2.4. Structured Insulated Panels Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL STRUCTURED INSULATED PANELS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL STRUCTURED INSULATED PANELS MARKET DYNAMICS

- 3.1. Structured Insulated Panels Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Higher Thermal resistance compared to traditional building materials
 - 3.1.1.2. Rapid Construction and Cost Savings in construction
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lack of awareness about Structured Insulated Panels
 - 3.1.2.2. Volatility in raw materials prices
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing construction industry in developing countries
 - 3.1.3.2. Increasing emphasis on green building initiatives

CHAPTER 4. GLOBAL STRUCTURED INSULATED PANELS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL STRUCTURED INSULATED PANELS MARKET, BY PRODUCT

- 5.1. Market Snapshot
- 5.2. Global Structured Insulated Panels Market by Product, Performance - Potential Analysis
- 5.3. Global Structured Insulated Panels Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4. Structured Insulated Panels Market, Sub Segment Analysis
 - 5.4.1. EPS (Expanded Polystyrene) Panel
 - 5.4.2. Rigid Polyurethane (PUR) and Rigid Polyisocyanurate (PIR) Panel
 - 5.4.3. Glass Wood Panels
 - 5.4.4. Other Products (Extruded Polystyrene Foam)

CHAPTER 6. GLOBAL STRUCTURED INSULATED PANELS MARKET, BY SKIN MATERIAL

6.1. Market Snapshot

6.2. Global Structured Insulated Panels Market by Skin Material, Performance - Potential Analysis

6.3. Global Structured Insulated Panels Market Estimates & Forecasts by Skin Material 2020-2030 (USD Billion)

6.4. Structured Insulated Panels Market, Sub Segment Analysis

6.4.1. Oriental Strand Board (OSB)

6.4.2. Plywood

6.4.3. Other Skin Materials (Cement Board)

CHAPTER 7. GLOBAL STRUCTURED INSULATED PANELS MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Structured Insulated Panels Market by Application, Performance - Potential Analysis

7.3. Global Structured Insulated Panels Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

7.4. Structured Insulated Panels Market, Sub Segment Analysis

7.4.1. Building Wall

7.4.2. Building Roof

7.4.3. Cold Storage

CHAPTER 8. GLOBAL STRUCTURED INSULATED PANELS MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Structured Insulated Panels Market, Regional Market Snapshot

8.4. North America Structured Insulated Panels Market

8.4.1. U.S. Structured Insulated Panels Market

8.4.1.1. Product breakdown estimates & forecasts, 2020-2030

8.4.1.2. Skin Material breakdown estimates & forecasts, 2020-2030

8.4.1.3. Application breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Structured Insulated Panels Market

8.5. Europe Structured Insulated Panels Market Snapshot

8.5.1. U.K. Structured Insulated Panels Market

8.5.2. Germany Structured Insulated Panels Market

8.5.3. France Structured Insulated Panels Market

- 8.5.4. Spain Structured Insulated Panels Market
- 8.5.5. Italy Structured Insulated Panels Market
- 8.5.6. Rest of Europe Structured Insulated Panels Market
- 8.6. Asia-Pacific Structured Insulated Panels Market Snapshot
 - 8.6.1. China Structured Insulated Panels Market
 - 8.6.2. India Structured Insulated Panels Market
 - 8.6.3. Japan Structured Insulated Panels Market
 - 8.6.4. Australia Structured Insulated Panels Market
 - 8.6.5. South Korea Structured Insulated Panels Market
 - 8.6.6. Rest of Asia Pacific Structured Insulated Panels Market
- 8.7. Latin America Structured Insulated Panels Market Snapshot
 - 8.7.1. Brazil Structured Insulated Panels Market
 - 8.7.2. Mexico Structured Insulated Panels Market
- 8.8. Middle East & Africa Structured Insulated Panels Market
 - 8.8.1. Saudi Arabia Structured Insulated Panels Market
 - 8.8.2. South Africa Structured Insulated Panels Market
 - 8.8.3. Rest of Middle East & Africa Structured Insulated Panels Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Cornerstone Building Brands
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. ArcelorMittal S.A.
 - 9.3.3. Alubel SpA
 - 9.3.4. DANA Group of Companies
 - 9.3.5. Jiangsu Jingxue Insulation Technology Co. Ltd.
 - 9.3.6. Kingspan Group
 - 9.3.7. Manni Group SpA
 - 9.3.8. Nucor Building Systems

9.3.9. Italpannelli SRL

9.3.10. Rautaruukki Corporation

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

12. List of Tables

TABLE 1. Global Structured Insulated Panels Market, report scope

TABLE 2. Global Structured Insulated Panels Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Structured Insulated Panels Market estimates & forecasts by Product 2020-2030 (USD Billion)

TABLE 4. Global Structured Insulated Panels Market estimates & forecasts by Skin Material 2020-2030 (USD Billion)

TABLE 5. Global Structured Insulated Panels Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 6. Global Structured Insulated Panels Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Structured Insulated Panels Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Structured Insulated Panels Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Structured Insulated Panels Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Structured Insulated Panels Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Structured Insulated Panels Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Structured Insulated Panels Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Structured Insulated Panels Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Structured Insulated Panels Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Structured Insulated Panels Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Structured Insulated Panels Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 34. Spain Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. RoE Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Structured Insulated Panels Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Structured Insulated Panels Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Structured Insulated Panels Market

TABLE 71. 12. List of primary sources, used in the study of global Structured Insulated Panels Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

12. List of figures

FIG 1. Global Structured Insulated Panels Market, research methodology

FIG 2. Global Structured Insulated Panels Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Structured Insulated Panels Market, key trends 2022

FIG 5. Global Structured Insulated Panels Market, growth prospects 2023-2030

FIG 6. Global Structured Insulated Panels Market, porters 5 force model

FIG 7. Global Structured Insulated Panels Market, pest analysis

FIG 8. Global Structured Insulated Panels Market, value chain analysis

FIG 9. Global Structured Insulated Panels Market by segment, 2020 & 2030 (USD Billion)

FIG 10. Global Structured Insulated Panels Market by segment, 2020 & 2030 (USD Billion)

FIG 11. Global Structured Insulated Panels Market by segment, 2020 & 2030 (USD Billion)

FIG 12. Global Structured Insulated Panels Market by segment, 2020 & 2030 (USD Billion)

FIG 13. Global Structured Insulated Panels Market by segment, 2020 & 2030 (USD Billion)

FIG 14. Global Structured Insulated Panels Market, regional snapshot 2020 & 2030

FIG 15. North America Structured Insulated Panels Market 2020 & 2030 (USD Billion)

FIG 16. Europe Structured Insulated Panels Market 2020 & 2030 (USD Billion)

FIG 17. Asia Pacific Structured Insulated Panels Market 2020 & 2030 (USD Billion)

FIG 18. Latin America Structured Insulated Panels Market 2020 & 2030 (USD Billion)

FIG 19. Middle East & Africa Structured Insulated Panels Market 2020 & 2030 (USD Billion)

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Structured Insulated Panels Market Size study & Forecast, by Product (EPS Panel, Rigid Polyurethane (PUR) and Rigid Polyisocyanurate (PIR) Panel, Glass Wood Panels, Other Products), by Skin Material (Oriental Strand Board, Plywood, Other Skin Materials), by Application (Building Wall, Building Roof, Cold Storage) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G3825E5CA149EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3825E5CA149EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970