Glass Wool Insulation - Global Strategic Business Report

Description: The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets.

This report analyzes the worldwide markets for Glass Wool Insulation in Tons by the following End-Use Segments:

- Housing Construction
- Non-Residential Construction
- Industrial/Commercial Equipment
- Others

Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 49 companies including many key and niche players such as:

- CSR Limited
- DBW Advanced Fiber Technologies GmbH
- Exeed Glasswool
- Fletcher Insulation
- GLAVA AS

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study
Glass Wool
Glass Wool For Insulation
End-Use Segments
Housing Construction
Non-Residential Construction
Industrial/Commercial Equipment
Others

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Global Insulation Demand on the Rise
Growth Drivers for the Insulation Market: On a Scale 1 (10 High Impact; 1 Low Impact)
Growth Dampeners for the Insulation Market: On a Scale 1 (10 High Impact; 1 Low Impact)
Glass Wool to Remain Insulated
Current and Future Analysis
Impact of Weather on the Insulation Market
Glass Fiber Manufacturing Shifts to Asia
Increasing Use of Recycled Materials
Factors Dampening Market Prospects
Emergence of Eco-friendly Alternatives
Risks Associated With Fiberglass Use
Competition from Substitutes
Competitive Scenario
Owens Corning: Leading Glass Fiber Insulation Company Worldwide
Table 1: Leading Fiberglass Producers Worldwide (2013): Percentage Breakdown of Output for China
Fiberglass Co., Ltd., Chongqing Polycomp International Corp., Owen Corning, PPG Industries, Saint Gobain,
Taishan Fiberglass, and Others (includes corresponding Graph/Chart)
Insulation Manufacturers Face Shortage of Talent

2. A MACRO VIEW OF KEY ECONOMIC INDICATORS
Growth Prospects Closely Tied to Global Economic Situation
The 2007-2009 Recession Renders a Major Blow
Steep Decline in Construction Activity in the US Leads to Slowdown in Building Insulation Sales in 2008 &
2009
Table 2: Housing Starts in the United States (2006-2009): Yearly Breakdown of Number of Housing Starts (In
‘000 Units) (includes corresponding Graph/Chart)
Table 3: Building Permits in the US (2007-2009) (In ‘000s) (includes corresponding Graph/Chart)
Global Market Recovers in 2010
Growth in Europe Once Again Dragged into the Red in 2012 & 2013
Improvement in Global GDP Performance to Benefit Market Growth in 2014 & Beyond
Table 4: World Real GDP Growth Rates in % for the Years 2012 to 2015: Breakdown by Country (includes
corresponding Graph/Chart)
Resurgence in Growth Fundamentals in Europe Portends an Optimistic Market Outlook for 2014 & Beyond
Table 5: EU Real GDP Growth Rates (%) by Country; 2014 & 2015 (includes corresponding Graph/Chart)
The US: Steady Growth Projected for the Largest Market
Table 6: Purchasing Managers Index (PMI) in the US: Monthly PMI Data from February 2014 to January 2015
(includes corresponding Graph/Chart)
Table 7: Key Business Indicators in the US for the First 2 Quarters of the Year 2014 (includes corresponding
Graph/Chart)

3. MARKET TRENDS, ISSUES AND DRIVERS
Recovering Construction Activity Benefits Glass Wool Demand
Table 8: Projected World Infrastructure Spending by Select Regions (2010-2030)
Table 9: Growth in the Global Construction Market by Sector (2013-2020) (includes corresponding
Graph/Chart)
Table 10: Global Construction Market (2015E & 2020P): Percentage Breakdown of Construction Spending by
Region (includes corresponding Graph/Chart)
Table 11: Global Construction Spend across Select Countries in US$ Billion for the year 2013 (includes
corresponding Graph/Chart)
Rising Global Population Propels Demand for Housing Units and Infrastructure
Table 12: Top 25 Countries Worldwide in Terms of Population: 2007 & 2014 (includes corresponding
Graph/Chart)
Rapid Urbanization: A Strong Growth Driver
Table 13: Total Population Worldwide by Urban and Rural Population in Thousands: 1950-2050P (includes
corresponding Graph/Chart)
Table 14: Estimated Percentage of Urbanization in World, China and India for the Years 2011 and 2018
(includes corresponding Graph/Chart)
Developing Countries Offer Significant Growth Opportunities
Table 15: Global Glass Wool Insulation Market
Geographic Regions Ranked by CAGR for 2014-2020: Asia-Pacific, Latin America, Middle East, US, Europe,
Canada, and Japan (includes corresponding Graph/Chart)
Table 16: Global Construction Market (2015E & 2020P): Percentage Breakdown of Construction Spending by
Region (includes corresponding Graph/Chart)
Insulation for Improving Energy Efficiency in Developing Countries
Manufacturers in Developed Countries Move Production Base to Developing Markets
Eco-codes for Buildings Drive Sales of Glass Wool Insulation Products
Need to Achieve Energy Efficiency to Put Insulation Market in Overdrive
Stringent Environmental Regulations Foster Growth Opportunities in the Industrial Sector
LNG Conversion Plants and HVAC Applications Spur Strong Demand for Fiberglass Insulation
Robust Power Generation Activity Fuels Demand for Insulation
Insulation Coatings for Solar Power Plants
Thermal Insulation: A Critical Requisite for the Manufacturing & Industrial Sectors
Planned Insulation during Construction Phase Crucial for Oil and Gas Plants
Increasing Focus on Machine Condition Monitoring Fuels Replacement Demand
Insulation: Essential for Shielding Bodywork and Components in Automobiles
Growth in Automotive Production Drives Demand for Component Insulation

Opportunity Indicators
Table 17: Global Automotive Market: Passenger Cars Production (In '000 Units) for Years 2012, 2015 & 2018F (includes corresponding Graph/Chart)
Table 18: Global Automotive Market: Commercial Vehicle Production (In '000 Units) for Years 2012, 2015 & 2018F (includes corresponding Graph/Chart)

Aerospace Sector Offers Robust Growth Opportunities
Microporous Insulation Fast Gaining Ground in Industrial and Aerospace Sectors
Recycled Consumer Glass in Production of Glass Wool

4. GLASS FIBER INDUSTRY AN INSIGHT

Glass Fibers
An Introduction
Key Features
Table 19: Physical Properties of Glass Fibers
Table 20: Electrical Properties of Glass Fibers
Health Hazards
A Brief History
Glass Fiber Production Process
Types of Glass Fibers
On Basis of Geometry
On Basis of Composition
Types of Glass Fibers
Characteristics of Select Types of Glass Fiber
A-Glass
C-Glass
D-Glass
E-Glass
S-Glass
Table 21: Structural Composition of Various Glass Fibers
Quality Control in Glass Fibers
Glass Fiber Recycling

5. GLASS WOOL PRODUCT OVERVIEW

Production Process
Properties of Glass Wool
Glass Wool for Insulation
Competing Insulation Products
Drawbacks
End-Use Markets
Housing Construction
Non-Residential Construction
Industrial/Commercial Equipment
Others

6. PRODUCT INTRODUCTIONS/LAUNCHES

CertainTeed Introduces ToughGard® R Rotary Duct Liner
CertainTeed Introduces SMARTBATT™ with MoistureSense™ Technology
CertainTeed Unveils New R20 Sustainable Insulation® to Meet IECC Codes

7. RECENT INDUSTRY ACTIVITY

Knauf Insulation Acquires Guardian Insulation
Patrick Industries Takes Over Charleston
Jushi Group to Set Up Fiberglass Plant in the US
Abahsain Group and Chongqing Polycr Comp International Inks Joint Venture Agreement
ORIX to Take Over Asahi Fiber Glass
Jushi Group Establishes Fiberglass Facility in Egypt
AGY Holding to Undergo Restructuring
Knauf Insulation Bags Contract to Supply Earthwool® Mineral Glass Wool to National Buying Group
Knauf Insulation's Earthwool® Glasswool Insulation Series Rated as GreenTag Level A
GlassRock Insulation Concludes Commissioning of New Glass Wool Manufacturing Line
Owens Corning Receives EPDs for its Fibreglass Products
Groot Property Group, Nissi, Tses Community and SDS Group to Establish Joint Venture

8. FOCUS ON SELECT GLOBAL PLAYERS

CSR Limited (Australia)
DBW Advanced Fiber Technologies GmbH (Germany)
Exeed Glasswool (Abu Dhabi)
Fletcher Insulation (Australia)
GLAVA AS (Norway)
Johns Manville (US)
Knauf GmbH (Germany)
Knauf insulation (US)
Kuwait Insulating Material Manufacturing Co. (Kuwait)
Owens Corning (US)
Arabian Fiberglass Insulation Company Ltd. (Saudi Arabia)
PPG Industries (US)
Saint-Gobain (France)
CertainTeed Corporation (US)
Saint-Gobain Isover (France)
Superglass Ltd (UK)
UP Twiga Fiberglass Limited (India)
Uralita Group (Spain)
URSA Insulation, S.A. (Spain)

9. GLOBAL MARKET PERSPECTIVE

Table 22: World Recent Past, Current & Future Analysis for Glass Wool Insulation by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 23: World Historic Analysis for Glass Wool Insulation by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 24: World 14-Year Perspective for Glass Wool Insulation by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 25: World Recent Past, Current & Future Analysis for Glass Wool Insulation Consumption in Housing Construction Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 26: World Historic Analysis for Glass Wool Insulation Consumption in Housing Construction Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 27: World 14-Year Perspective for Glass Wool Insulation Consumption in Housing Construction Market by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 28: World Recent Past, Current & Future Analysis for Glass Wool Insulation Consumption in Commercial/Industrial/Infrastructural Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 29: World Historic Analysis for Glass Wool Insulation Consumption in Commercial/Industrial/Infrastructural Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 30: World 14-Year Perspective for Glass Wool Insulation Consumption in Commercial/Industrial/Infrastructural Market by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 30: World 14-Year Perspective for Glass Wool Insulation Consumption in Commercial/Industrial/Infrastructural Market by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 31: World Recent Past, Current & Future Analysis for Glass Wool Insulation Consumption in Industrial/Commercial Equipment Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 32: World Historic Analysis for Glass Wool Insulation Consumption in Industrial/Commercial Equipment Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 33: World 14-Year Perspective for Glass Wool Insulation Consumption in Industrial/Commercial Equipment Market by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 34: World Recent Past, Current & Future Analysis for Glass Wool Insulation Consumption in Others Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 35: World Historic Analysis for Glass Wool Insulation Consumption in Others Market by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 36: World 14-Year Perspective for Glass Wool Insulation Consumption in Others Market by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
A. Market Analysis
Outlook
Glass Wool Insulation
An Insight
Table 37: Residential Construction in the US (2007-2013): Number of Housing Starts by Type Single-Family Units and Multi-Family Units (In 000) (includes corresponding Graph/Chart)
Table 38: Building Permits in the United States (2007-2013): Yearly Breakdown of Number of Permits (In '000s) (includes corresponding Graph/Chart)
Glass Wool Insulation Market to Gain from Green House Gas Emission Targets
Fiberglass
One of Major Insulation Segments
Table 39: Insulation Market in the US (2013): Percentage Share Breakdown of Revenues for Glass Wool, Foamed Plastics, Stone Wool and Others (includes corresponding Graph/Chart)
Fiberglass Thermal Insulation: Competitive Landscape
Table 40: Leading Players in the US Fiberglass Thermal Insulation Market (2013): Percentage Market Share Breakdown for CertainTeed Corporation, Johns Manville, Knauf Insulation, Owens Corning, and Others (includes corresponding Graph/Chart)
Rising Demand for Fiberglass Windows
Recovery in GDP Growth Benefits Demand for Glass Wool Insulation Products
Table 41: Purchasing Managers Index (PMI) in the US: Monthly PMI Data from February 2014 to January 2015 (includes corresponding Graph/Chart)
Table 42: Key Business Indicators in the US for the First 2 Quarters for the Year 2014 (includes corresponding Graph/Chart)
Key Trends in the US Industrial Insulation Market
Energy Savings: Industrial Thermal Insulation Comes Up with the Answers
Offshore Manufacturing Post Lucrative Results for Domestic Manufacturers
Regulatory Environment
A Peek into the New Energy Codes
Codes and Standards for Industrial Pipe Insulation
Labeling of the Insulation Products Becomes Mandatory
Product Introductions/Launches
Strategic Corporate Developments
Key Players
B. Market Analytics
Table 43: US Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 44: US Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 45: US 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Outlook
Construction Market: An Insight
Table 46: Housing Starts in Canada (2007-2015E) (in ‘000 Units) (includes corresponding Graph/Chart)
Table 47: Canadian Non-Residential Starts by Segment (2009-2015): Breakdown of Industrial, Commercial, and Institutional Starts in Millions of Square Feet (includes corresponding Graph/Chart)
B. Market Analytics
Table 48: Canadian Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 49: Canadian Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 50: Canadian 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Outlook
Japanese Housing Market Remains Upbeat Amid Downside Risks
Table 51: Annual Housing Construction Starts in Japan (2007-2013) (includes corresponding Graph/Chart)
Insulation Products Market: An Overview
Table 52: Insulation Market in Japan (2013): Percentage Share Breakdown of Revenues for Glass Wool, Foamed Plastics, Mineral Wool, and Others (includes corresponding Graph/Chart)
Disaster Recovery Efforts Drive Housing, and thereby Insulation Market Growth
Surge in Industrial Investments Benefits Industrial Thermal Insulation Market
Strategic Corporate Development
B. Market Analytics
Table 53: Japanese Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 54: Japanese Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
4. EUROPE
A. Market Analysis
Outlook
- Housing Slowdown Affects Glass Wool Insulation Market
- New Energy Regulations: Opportunities Abound the Insulation Market
- Efficient Insulation to Cut Down Gas Imports in the EU
- Energy Efficiency Requirements to Drive Growth
- Passive House Building Standard: An Introduction

B. Market Analytics
- Table 56: European Insulation Market (2013): Percentage Share Breakdown of Revenues for Glass Wool, Plastic Foam, Stone Wool and Others (includes corresponding Graph/Chart)
- Bright Prospects for Industrial Insulation in the Region
- Highly Consolidated Glass Wool Industry

- Table 57: Leading Producers of Glass Wool Insulation in Europe (2013): Percentage Share Breakdown of Production for Isover, Knauf Insulation, Superglass, URSA, and Others (includes corresponding Graph/Chart)
- Wall Insulation Materials Remain Popular

4a. FRANCE
A. Market Analysis
Outlook
- Select Players

B. Market Analytics
- Table 64: French Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
- Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
- Table 65: French Historic Analysis for Glass Wool Insulation by End-Use Segment
- Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
- Table 66: French 14-Year Perspective for Glass Wool Insulation by End-Use Segment
- Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Outlook
German Glass Wool Insulation Market to Benefit from the Phase Out of Nuclear Power
Select Players
B.Market Analytics
Table 67: German Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 68: German Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 69: German 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4c. ITALY
A.Market Analysis
Outlook
Strong Recovery in UK Housing Sector to Drive Demand
Table 70: Italian Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 71: Italian Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 72: Italian 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A.Market Analysis
Outlook
Strong Recovery in UK Housing Sector to Drive Demand
Table 73: New Housing Starts in the UK by Country: FY 2008-09 through FY 2013-14 (includes corresponding Graph/Chart)
Strategic Corporate Development
Superglass Ltd
A Key Regional Player
B.Market Analytics
Table 74: UK Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 75: UK Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 76: UK 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4e. SPAIN
A.Market Analysis
Outlook
Spain's Construction Takes the Biggest Blow
Select Players
B.Market Analytics
Table 77: Spanish Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 78: Spanish Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others
Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 79: Spanish 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4f. RUSSIA
A. Market Analysis
Bright Future on the Cards for Russian Glass Wool Insulation Market
Table 80: Insulation Market in Russia (2013): Percentage Share Breakdown of Revenues for Glass Wool, Plastic Foam, Stone Wool and Others (includes corresponding Graph/Chart)
A Combination of Favorable Factors Drives the Industrial Insulation Market
B. Market Analytics
Table 81: Russian Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 82: Russian Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 83: Russian 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Turkey: Insulation Market Overview
Table 84: Turkish Glass Wool Insulation Market (2011-2013): Demand for Glass wool Insulation in Tons (includes corresponding Graph/Chart)
Key Player
B. Market Analytics
Table 85: Rest of Europe Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 86: Rest of Europe Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 87: Rest of Europe 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Outlook
Asian Countries Drive Future Market Growth
Table 88: Increase in Urban Population in Major Countries in Asia-Pacific (in Millions) Over the Period 2012-2020P (includes corresponding Graph/Chart)
Table 89: GDP Growth for Key Developed and Developing Countries: 2003-2013 (includes corresponding Graph/Chart)
Surge in Infrastructure Development Powers Demand Growth
Table 90: Asian Construction Market (2013): Percentage Breakdown of Spend by Sector (includes
corresponding Graph/Chart
Table 91: Construction Spending by Country in Asia in US$ Billion: 2013 (includes corresponding Graph/Chart)
Table 92: Projected Growth in the Asian Construction Market by Region and Sector (2014-2020) (includes corresponding Graph/Chart)
Table 93: Insulation Market in Southeast Asia (2013): Percentage Share Breakdown of Revenues for Glass Wool, Plastic Foam, Stone Wool, and Others (includes corresponding Graph/Chart)
China and India: Potential Laden Glass Wool Insulation Markets
Table 94: Ten Largest Populated Countries Worldwide (2015): Total Population (in Million) (includes corresponding Graph/Chart)
B.Market Analytics
Table 95: Asia-Pacific Recent Past, Current & Future Analysis for Glass Wool Insulation by Geographic Region China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 96: Asia-Pacific Historic Analysis for Glass Wool Insulation by Geographic Region China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 97: Asia-Pacific 14-Year Perspective for Glass Wool Insulation by Geographic Region Percentage Breakdown of Volume Sales for China and Rest of Asia-Pacific Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 98: Asia-Pacific Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment Housing Construction, Commercial/Industrial/Infrastructural, Industrial/ Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 99: Asia-Pacific Historic Analysis for Glass Wool Insulation by End-Use Segment Housing Construction, Commercial/Industrial/Infrastructural, Industrial/ Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 100: Asia-Pacific 14-Year Perspective for Glass Wool Insulation by End-Use Segment Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/ Infrastructural, Industrial/ Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
5a. CHINA
A.Market Analysis
Outlook
Key Growth Drivers in a Nutshell
Chinese Insulation Market: Influenced by Economic Trends
A Peek into the Chinese Construction Industry
Insulation and Glass Wool Market in China: A Bird's Eye View
Strategic Corporate Development
B.Market Analytics
Table 101: Chinese Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 102: Chinese Historic Analysis for Glass Wool Insulation by End-Use Segment Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 103: Chinese 14-Year Perspective for Glass Wool Insulation by End-Use Segment Percentage Breakdown of Volume Sales for Housing Construction, Commercial/ Industrial/Infrastructural, Industrial/ Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
5b. REST OF ASIA-PACIFIC
A.Market Analysis
Outlook
An Overview Of Major Regional Markets
Australia
Australian Glass Wool Insulation Market Overview
Table 104: Leading Players in the Australian Glass Wool Insulation Market (2013): Percentage Market Share Breakdown by Company (includes corresponding Graph/Chart)
Standards and Regulations Concerning Insulation in Australia and New Zealand

India

Resurgence of Construction Activity Portends Positive Outlook for Glass Wool Insulation in India

India

Table 105: Urbanization Trends in India: Number of Inhabitants (in Million) for Years 1991, 2001, 2011 & 2021 (includes corresponding Graph/Chart)

Table 106: Urbanization Trends in India: Number of Cities with more than One Million Inhabitants for Years 1991, 2001 & 2013 (includes corresponding Graph/Chart)

Table 107: Percentage Share Breakdown of Indian Households by Income Group (2015 & 2025) (includes corresponding Graph/Chart)

Green Building Codes to Drive Glass Wool Insulation Demand in India

Indian Market for Industrial Insulation: Huge Untapped Potential

Opportunities for Insulation in the Power Sector

Table 108: Estimated Thermal Insulation Consumption by the Indian Power Sector during the 12th Five Year Plan Period (includes corresponding Graph/Chart)

South Korea

Table 109: Insulation Market in South Korea (2013): Percentage Share Breakdown of Revenues for Glass Wool, Mineral Wool and Organic Insulation (includes corresponding Graph/Chart)

Malaysia

Malaysian Mineral Wool Insulation Industry Bodes Tremendous Growth Prospects

Thailand

Insulation Market On the Path to Recovery

Vietnam

Insulation Market Gains Momentum from Booming Construction Industry

Strategic Corporate Development

Key Players

B. Market Analytics

Table 110: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment

Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 111: Rest of Asia-Pacific Historic Analysis for Glass Wool Insulation by End-Use Segment

Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 112: Rest of Asia-Pacific 14-Year Perspective for Glass Wool Insulation by End-Use Segment

Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

6. THE MIDDLE EAST

A. Market Analysis

Outlook

Review of Construction Sector in the Middle East

Building Efficiency Codes Drive Demand for Glass Wool Insulation in the UAE

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 113: Middle East Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment

Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 114: Middle East Historic Analysis for Glass Wool Insulation by End-Use Segment

Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 115: Middle East 14-Year Perspective for Glass Wool Insulation by End-Use Segment

Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

7. LATIN AMERICA

A. Market Analysis
Outlook
A Review of the Construction Industry in Latin America

B. Market Analytics

Table 116: Latin American Recent Past, Current & Future Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 117: Latin American Historic Analysis for Glass Wool Insulation by End-Use Segment
Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets Independently Analyzed with Annual Sales Figures in Tons for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 118: Latin American 14-Year Perspective for Glass Wool Insulation by End-Use Segment
Percentage Breakdown of Volume Sales for Housing Construction, Commercial/Industrial/Infrastructural, Industrial/Commercial Equipment and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 49 (including Divisions/Subsidiaries 60)

The United States (8)
Japan (2)
Europe (21)
- France (2)
- Germany (3)
- The United Kingdom (4)
- Italy (1)
- Spain (2)
- Rest of Europe (9)
Asia-Pacific (Excluding Japan) (20)
Latin America (1)
Africa (2)
Middle East (6)

Ordering:

Order Online - http://www.researchandmarkets.com/reports/2498182/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

- Product Name: Glass Wool Insulation - Global Strategic Business Report
- Web Address: http://www.researchandmarkets.com/reports/2498182/
- Office Code: SCBRUJ7Q

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Single User</th>
<th>1 - 5 Users</th>
<th>1 - 10 Users</th>
<th>1 - 15 Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>□ USD 4950</td>
<td>□ USD 6930</td>
<td>□ USD 9405</td>
<td>□ USD 11880</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS.

- Title: [Mr] [Mrs] [Dr] [Miss] [Ms] [Prof]
- First Name: ___________________________ Last Name: ___________________________
- Email Address:* ___________________________
- Job Title: ___________________________
- Organisation: ___________________________
- Address: ___________________________
- City: ___________________________
- Postal / Zip Code: ___________________________
- Country: ___________________________
- Phone Number: ___________________________
- Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World