

Building Thermal Insulation Market by Material (Glasswool, Stonewool, Plastic Foam), Application (Roof Insulation, Floor Insulation, Wall Insulation), Building Type (Residential, Non-Residential) and Region - Global Forecast to 2027

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Abstracts

The global building thermal insulation market will grow to USD 35.3 Billion by 2027, at a CAGR of 4.7% from USD 28.0 Billion in 2022. The use of building thermal insulation has witnessed significant growth because of the increasing requirement for improved heating and cooling comfort and better fire resistance of building thermal insulation materials, such as glass wool, stone wool, and plastic foams. The key factors driving the building thermal insulation market are the recovery in new construction of residential and non-residential buildings worldwide.

“Plastic foam material is projected to be the fastest-growing type of building thermal insulation market during the forecast period.”

By material, the building thermal insulation market is classified into glass wool, stone wool, plastic foam, and others. Plastic foam is estimated to dominate the market during the forecast period due to its increasing use in external facade insulation, external wall insulation, sandwich panel, and cavity wall insulation. The higher compressive strength and energy efficiency of plastic foam, especially EPS foam, is estimated to drive its demand in building thermal insulation.

“Roof insulation application is estimated to be the second largest application in building thermal insulation market, in terms of value, in 2021”

By application, the building thermal insulation market is segmented into wall insulation,

roof insulation, and floor insulation. Roof insulation is projected to be the second largest application of building thermal insulation between in 2021. The increase in construction of non-residential buildings, such as industrial, commercial, educational, and healthcare buildings, is expected to drive the demand for roof insulation, globally.

“Non-residential buildings are projected to be the fastest-growing end-use industry of building thermal insulation market during the forecast period.”

Building thermal insulation have wide usage in the medical industry. It is imperative for a drug to have a homogenous concentration in a solution; otherwise, it may not be as effective as it was designed to be. Building thermal insulation are added to the drug solution to form a finely dispersed solution. Tablets also have a certain amount of building thermal insulation added to them. By using building thermal insulation, the tablet disintegrates evenly inside the patient's body, thereby working effectively. Homogenous distribution of the pigment or color in the tablet also requires building thermal insulation.

“North America is estimated to be the second-largest building thermal insulation market, in terms of value, in 2021”

North America was the second largest market for building thermal insulation in 2021, in terms of value. Stringent building energy codes in the region and growth in the housing sector, accompanied by rising demand for green buildings, drive the demand for building thermal insulation. The retrofit market, development of green buildings, and rising energy efficiency codes and building specifications are estimated to drive the building thermal insulation market in the region. In addition, increased focus on energy-efficient buildings, stringent requirements for insulation, and new building codes has generated awareness regarding thermal insulation in buildings in the region.

Breakdown of primaries

The study contains insights from various industry experts, ranging from raw material suppliers to Tier 1 companies. The break-up of the primaries is as follows:

By Company Type: Tier 1 - 46%, Tier 2 - 31%, and Tier 3 - 23%

By Designation: C-Level - 46%, Director Level - 27%, and Others - 27%

By Region: North America - 33%, Europe - 27%, APAC - 27%, South America -

7%, Middle East & Africa - 6%,

The key market players profiled in the report include Kingspan Group Plc (UK), Knauf Gips KG (Germany), Owens Corning (US), Rockwool International A/S (Denmark), Saint-Gobain SA (France), BASF SE (Germany), Johns Manville Corporation (US), Altana AG (Germany), Dow Inc. (US), GAF Materials Corporation (US), CNBM Group Co., Ltd. (China), Aspen Aerogels, Inc. (US) and others.

Research Coverage

This report segments the market for building thermal insulation is based on material, application, building type, and region, and provides estimations for the overall market size across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, associated with the market for building thermal insulation.

Reasons to Buy this Report

This research report is focused on various levels of analysis — industry analysis (industry trends), market share analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the building thermal insulation market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on building thermal insulation offered by top players in the global market

Market Development: Comprehensive information about lucrative emerging markets — the report analyzes the markets for building thermal insulation across regions

Market Diversification: Exhaustive information about new products, untapped regions, and recent developments in the global building thermal insulation market

Competitive Assessment: In-depth assessment of market shares, strategies,

products, and manufacturing capabilities of leading players in the building thermal insulation market

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.2.1 BUILDING THERMAL INSULATION MARKET: INCLUSIONS & EXCLUSIONS

1.2.2 MARKET DEFINITION AND INCLUSIONS, BY MATERIAL

1.2.3 MARKET DEFINITION AND INCLUSIONS, BY APPLICATION

1.2.4 MARKET DEFINITION AND INCLUSIONS, BY BUILDING TYPE

1.3 STUDY SCOPE

1.3.1 REGIONS COVERED

1.3.2 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNIT CONSIDERED

1.6 STAKEHOLDERS

1.7 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 BUILDING THERMAL INSULATION MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.2 PRIMARY DATA

2.1.2.1 Primary interviews – demand and supply sides

2.1.2.2 Key industry insights

2.1.2.3 Breakdown of primary interviews

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 (SUPPLY SIDE): COLLECTIVE REVENUE OF COMPANIES

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 BOTTOM-UP (SUPPLY SIDE): COLLECTIVE REVENUE OF ALL PRODUCTS

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 – BOTTOM-UP (DEMAND SIDE): PRODUCTS SOLD

2.2.2 TOP-DOWN APPROACH

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 3 – TOP-DOWN

2.3 DATA TRIANGULATION

FIGURE 6 BUILDING THERMAL INSULATION MARKET: DATA TRIANGULATION

2.4 GROWTH RATE ASSUMPTIONS/GROWTH FORECASTS

2.4.1 SUPPLY SIDE

FIGURE 7 MARKET CAGR PROJECTIONS FROM SUPPLY SIDE

2.4.2 DEMAND SIDE

FIGURE 8 MARKET GROWTH PROJECTIONS FROM DEMAND-SIDE DRIVERS AND OPPORTUNITIES

2.5 FACTOR ANALYSIS

2.6 LIMITATIONS

2.7 RISK ASSESSMENT

TABLE 1 BUILDING THERMAL INSULATION MARKET: RISK ASSESSMENT

2.8 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

FIGURE 9 PLASTIC FOAM LED BUILDING THERMAL INSULATION MARKET IN 2021

FIGURE 10 ROOF INSULATION TO BE FASTEST-GROWING SEGMENT DURING FORECAST PERIOD

FIGURE 11 RESIDENTIAL BUILDING SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 12 EUROPE ACCOUNTED FOR LARGEST MARKET SHARE IN 2021

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN BUILDING THERMAL INSULATION MARKET

FIGURE 13 GROWING NON-RESIDENTIAL BUILDING SEGMENT TO DRIVE BUILDING THERMAL INSULATION MARKET DURING FORECAST PERIOD

4.2 BUILDING THERMAL INSULATION MARKET SIZE, BY REGION

FIGURE 14 EUROPE TO BE LARGEST MARKET FOR BUILDING THERMAL INSULATION DURING FORECAST PERIOD

4.3 EUROPE: BUILDING THERMAL INSULATION MARKET, BY MATERIAL AND COUNTRY, 2021

FIGURE 15 GERMANY AND STONE WOOL MATERIAL ACCOUNTED FOR LARGEST SHARES

4.4 BUILDING THERMAL INSULATION MARKET SIZE, BUILDING TYPE VS. REGION

FIGURE 16 RESIDENTIAL SEGMENT LED BUILDING THERMAL INSULATION MARKET

4.5 BUILDING THERMAL INSULATION MARKET, BY KEY COUNTRIES FIGURE 17 TURKEY TO REGISTER HIGHEST CAGR BETWEEN 2022 AND 2027

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN BUILDING THERMAL INSULATION MARKET

5.2.1 DRIVERS

5.2.1.1 Stringent regulations to reduce greenhouse gas emissions

TABLE 2 REGION-WISE REGULATIONS TO REDUCE GHG EMISSIONS

5.2.1.2 Development of green buildings

TABLE 3 TOP 10 COUNTRIES FOR LEED GREEN BUILDING, 2021

5.2.1.3 Reduction in energy consumption and related costs

5.2.1.4 Rebates and tax credits

5.2.1.5 Stringent building energy codes

5.2.2 RESTRAINTS

5.2.2.1 Fluctuation in prices of plastic foam

5.2.2.2 Availability of green insulation materials

5.2.3 OPPORTUNITIES

5.2.3.1 High energy requirements

5.2.4 CHALLENGES

5.2.4.1 Lack of awareness about building thermal insulation

5.3 PORTER'S FIVE FORCES ANALYSIS

FIGURE 19 BUILDING THERMAL INSULATION: PORTER'S FIVE FORCES ANALYSIS

5.3.1 THREAT OF SUBSTITUTES

5.3.2 BARGAINING POWER OF SUPPLIERS

5.3.3 BARGAINING POWER OF BUYERS

5.3.4 THREAT OF NEW ENTRANTS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 4 BUILDING THERMAL INSULATION MARKET: PORTER'S FIVE FORCES ANALYSIS

5.4 KEY STAKEHOLDERS & BUYING CRITERIA

5.4.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 20 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP 3 APPLICATIONS

TABLE 5 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP 3

APPLICATIONS (%)

5.4.2 BUYING CRITERIA

FIGURE 21 KEY BUYING CRITERIA FOR TOP 3 APPLICATIONS

TABLE 6 KEY BUYING CRITERIA FOR TOP 3 APPLICATIONS

5.5 MACROECONOMIC INDICATORS

5.5.1 GDP TRENDS AND FORECAST FOR MAJOR ECONOMIES

TABLE 7 GDP TRENDS AND FORECAST, BY MAJOR ECONOMIES, 2019–2027
(USD BILLION)

5.6 SUPPLY CHAIN ANALYSIS

FIGURE 22 BUILDING THERMAL INSULATION: SUPPLY CHAIN

5.6.1 RAW MATERIALS

5.6.2 MANUFACTURERS

5.6.3 DISTRIBUTION NETWORK

5.6.4 END-USE INDUSTRIES

5.7 PRICING ANALYSIS

5.7.1 AVERAGE SELLING PRICES OF KEY PLAYERS, BY APPLICATION

FIGURE 23 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP 3
APPLICATIONS

TABLE 8 AVERAGE SELLING PRICES OF KEY PLAYERS FOR TOP 3
APPLICATIONS (USD)/KG

5.7.2 AVERAGE SELLING PRICE, BY REGION

FIGURE 24 AVERAGE SELLING PRICE OF BUILDING THERMAL INSULATION, BY
REGION (USD/KG)

TABLE 9 AVERAGE SELLING PRICE OF BUILDING THERMAL INSULATION, BY
REGION (USD/KG)

5.8 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS

5.8.1 REVENUE SHIFTS & REVENUE POCKETS FOR BUILDING THERMAL
INSULATION MARKET

FIGURE 25 REVENUE SHIFT FOR BUILDING THERMAL INSULATION MARKET

5.9 CONNECTED MARKETS: ECOSYSTEM

TABLE 10 BUILDING THERMAL INSULATION MARKET: ECOSYSTEM

FIGURE 26 BUILDING THERMAL INSULATION: ECOSYSTEM

5.10 TECHNOLOGY ANALYSIS

5.10.1 XPS FOAM TECHNOLOGY

TABLE 11 ADVANTAGES OF XPS FOAM TECHNOLOGY

5.10.2 ECOSE TECHNOLOGY

TABLE 12 BENEFITS OF ECOSE TECHNOLOGY

5.11 CASE STUDY ANALYSIS

5.11.1 CASE STUDY ON ROCKWOOL INTERNATIONAL A/S

5.12 TRADE DATA STATISTICS

5.12.1 IMPORT SCENARIO OF BUILDING THERMAL INSULATION

FIGURE 27 IMPORT OF BUILDING THERMAL INSULATION, BY KEY COUNTRIES (2016-2021)

TABLE 13 IMPORTS OF BUILDING THERMAL INSULATION, BY REGION, 2016 – 2021 (USD MILLION)

5.12.2 EXPORT SCENARIO OF BUILDING THERMAL INSULATION

FIGURE 28 EXPORT OF BUILDING THERMAL INSULATION, BY KEY COUNTRIES (2016-2021)

TABLE 14 EXPORTS OF BUILDING THERMAL INSULATION, BY REGION, 2016 – 2021 (USD MILLION)

5.13 REGULATORY LANDSCAPE

5.13.1 REGULATIONS RELATED TO BUILDING THERMAL INSULATION

5.14 KEY CONFERENCES & EVENTS IN 2022–2023

TABLE 15 BUILDING THERMAL INSULATION MARKET: DETAILED LIST OF CONFERENCES & EVENTS

5.15 PATENT ANALYSIS

5.15.1 APPROACH

5.15.2 DOCUMENT TYPE

5.15.2.1 Patent Status

TABLE 16 GRANTED PATENTS WERE 3% OF TOTAL COUNT IN LAST 10 YEARS

FIGURE 29 PATENTS REGISTERED FOR BUILDING THERMAL INSULATION, 2011–2021

FIGURE 30 PATENT PUBLICATION TRENDS FOR BUILDING THERMAL INSULATION, 2011–2021

5.15.3 LEGAL STATUS OF PATENTS

FIGURE 31 LEGAL STATUS OF PATENTS FILED FOR BUILDING THERMAL INSULATION

5.15.4 JURISDICTION ANALYSIS

FIGURE 32 HIGHEST NUMBER OF PATENTS FILED BY COMPANIES IN CHINA

5.15.5 TOP APPLICANTS

FIGURE 33 SHENYANG JIANZHU UNIVERSITY REGISTERED HIGHEST NUMBER OF PATENTS BETWEEN 2011 AND 2021

TABLE 17 PATENTS BY SHENYANG JIANZHU UNIVERSITY

TABLE 18 PATENTS BY BASF SE

TABLE 19 PATENTS BY CHINA MCC17 GROUP CO. LTD.

TABLE 20 TOP TEN PATENT OWNERS (US) IN LAST TEN YEARS

6 BUILDING THERMAL INSULATION MARKET, BY MATERIAL

6.1 INTRODUCTION

TABLE 21 MATERIAL AND ITS APPLICATIONS

TABLE 22 TEMPERATURE RANGES FOR DIFFERENT MATERIALS

TABLE 23 R-VALUE OF DIFFERENT MATERIALS

FIGURE 34 PLASTIC FOAM TO DOMINATE BUILDING THERMAL INSULATION MARKET DURING FORECAST PERIOD

TABLE 24 BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 25 BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 26 BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 27 BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

6.2 PLASTIC FOAM

6.2.1 GROWTH IN BUILDING & CONSTRUCTION INDUSTRY TO LEAD TO INCREASED DEMAND FOR PLASTIC FOAM

FIGURE 35 ASIA PACIFIC TO BE LARGEST MARKET FOR PLASTIC FOAM DURING FORECAST PERIOD

TABLE 28 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 29 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 30 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 31 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

TABLE 32 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY TYPE, 2017–2020 (USD MILLION)

TABLE 33 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY TYPE, 2021–2027 (USD MILLION)

TABLE 34 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY TYPE, 2017–2020 (KILOTON)

TABLE 35 PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY TYPE, 2021–2027 (KILOTON)

6.2.2 POLYSTYRENE FOAM

6.2.2.1 Expanded polystyrene (EPS) foam

6.2.2.2 Extruded polystyrene (XPS) foam

TABLE 36 POLYSTYRENE FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 37 POLYSTYRENE FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 38 POLYSTYRENE FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 39 POLYSTYRENE FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

6.2.3 POLYURETHANE (PUR) & POLYISOCYANURATE (PIR) FOAM

TABLE 40 PUR & PIR FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 41 PUR & PIR FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 42 PUR & PIR FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 43 PUR & PIR FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

6.2.4 OTHER PLASTIC FOAM

6.2.4.1 Phenolic foam

6.2.4.2 Elastomeric foam

TABLE 44 OTHER PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 45 OTHER PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 46 OTHER PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 47 OTHER PLASTIC FOAM: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

6.3 GLASS WOOL

6.3.1 LIGHTWEIGHT, NON-COMBUSTIBLE, HIGH TEAR STRENGTH, AND CORROSION-RESISTANT PROPERTIES

FIGURE 36 NORTH AMERICA TO LEAD GLASS WOOL MARKET DURING FORECAST PERIOD

TABLE 48 GLASS WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 49 GLASS WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 50 GLASS WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 51 GLASS WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

6.4 STONE WOOL

6.4.1 CONSTRUCTION & ARCHITECTURAL SECTORS ESCALATING DEMAND
FIGURE 37 EUROPE TO LEAD STONE WOOL SEGMENT DURING FORECAST PERIOD

TABLE 52 STONE WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 53 STONE WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 54 STONE WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 55 STONE WOOL: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

6.5 OTHERS

6.5.1 AEROGEL

6.5.2 CELLULOSE

6.5.3 CELLULAR GLASS

FIGURE 38 EUROPE TO LEAD MARKET IN OTHER MATERIALS DURING FORECAST PERIOD

TABLE 56 OTHERS: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 57 OTHERS: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 58 OTHERS: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 59 OTHERS: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

7 BUILDING THERMAL INSULATION MARKET, BY APPLICATION

7.1 INTRODUCTION

FIGURE 39 PERCENTAGE OF ENERGY LOSS THROUGH BUILDINGS

FIGURE 40 ROOF INSULATION TO BE FASTEST-GROWING APPLICATION OF BUILDING THERMAL INSULATION DURING FORECAST PERIOD

TABLE 60 BUILDING THERMAL INSULATION MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 61 BUILDING THERMAL INSULATION MARKET SIZE, BY APPLICATION, 2021–2027 (USD MILLION)

TABLE 62 BUILDING THERMAL INSULATION MARKET SIZE, BY APPLICATION, 2017–2020 (KILOTON)

TABLE 63 BUILDING THERMAL INSULATION MARKET SIZE, BY APPLICATION, 2021–2027 (KILOTON)

7.2 ROOF INSULATION

7.2.1 RISING GLOBAL CONSTRUCTION ACTIVITIES

FIGURE 41 FLAT ROOF TO ACCOUNT FOR LARGEST SHARE OF ROOF INSULATION SEGMENT

7.2.2 FLAT ROOF INSULATION

7.2.3 PITCHED ROOF INSULATION

TABLE 64 BUILDING THERMAL INSULATION MARKET SIZE IN ROOF INSULATION, BY SUB-APPLICATION, 2017–2020 (USD MILLION)

TABLE 65 BUILDING THERMAL INSULATION MARKET SIZE IN ROOF INSULATION, BY SUB-APPLICATION, 2021–2027 (USD MILLION)

TABLE 66 BUILDING THERMAL INSULATION MARKET SIZE IN ROOF INSULATION, BY SUB-APPLICATION, 2017–2020 (KILOTON)

TABLE 67 BUILDING THERMAL INSULATION MARKET SIZE IN ROOF INSULATION, BY SUB-APPLICATION, 2021–2027 (KILOTON)

7.3 WALL INSULATION

7.3.1 RISING ENERGY-EFFICIENT BUILDINGS DRIVING DEMAND

FIGURE 42 EXTERNAL WALL TO ACCOUNT FOR LARGEST SHARE IN WALL INSULATION APPLICATION

7.3.2 EXTERNAL WALL INSULATION

7.3.3 INTERNAL WALL INSULATION

7.3.4 CAVITY WALL INSULATION

TABLE 68 BUILDING THERMAL INSULATION MARKET SIZE IN WALL INSULATION, BY SUB-APPLICATION, 2017–2020 (USD MILLION)

TABLE 69 BUILDING THERMAL INSULATION MARKET SIZE IN WALL INSULATION, BY SUB-APPLICATION, BY REGION, 2021–2027 (USD MILLION)

TABLE 70 BUILDING THERMAL INSULATION MARKET SIZE IN WALL INSULATION, BY SUB-APPLICATION, BY REGION, 2017–2020 (KILOTON)

TABLE 71 BUILDING THERMAL INSULATION MARKET SIZE IN WALL INSULATION, BY SUB-APPLICATION, BY REGION, 2021–2027 (KILOTON)

7.4 FLOOR INSULATION

7.4.1 HIGH QUALITY AND TECHNOLOGICAL ADVANCEMENTS DRIVING DEMAND

8 BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

8.1 INTRODUCTION

FIGURE 43 RESIDENTIAL TO BE LARGER BUILDING TYPE SEGMENT OF BUILDING THERMAL INSULATION MARKET

TABLE 72 BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 73 BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 74 BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 75 BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

8.2 NON-RESIDENTIAL BUILDING

8.2.1 ROBUST MANUFACTURING AND INCREASE IN INDUSTRIAL ACTIVITIES

8.2.2 INDUSTRIAL BUILDING

8.2.3 COMMERCIAL BUILDING

8.2.4 OTHERS

FIGURE 44 ASIA PACIFIC TO WITNESS HIGHEST CAGR IN NON-RESIDENTIAL BUILDING SEGMENT DURING FORECAST PERIOD

TABLE 76 NON-RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 77 NON-RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 78 NON-RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 79 NON-RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

8.3 RESIDENTIAL BUILDING

8.3.1 URBANIZATION AND GOVERNMENT REGULATIONS ON ENERGY-EFFICIENT BUILDINGS

FIGURE 45 EUROPE TO LEAD RESIDENTIAL BUILDING SEGMENT DURING FORECAST PERIOD

TABLE 80 RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (USD MILLION)

TABLE 81 RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (USD MILLION)

TABLE 82 RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2017–2020 (KILOTON)

TABLE 83 RESIDENTIAL BUILDING: BUILDING THERMAL INSULATION MARKET, BY REGION, 2021–2027 (KILOTON)

9 BUILDING THERMAL INSULATION MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 46 ASIA PACIFIC TO BE FASTEST-GROWING BUILDING THERMAL INSULATION MARKET BETWEEN 2022 AND 2027

TABLE 84 BUILDING THERMAL INSULATION MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 85 BUILDING THERMAL INSULATION MARKET SIZE, BY REGION, 2021–2027 (USD MILLION)

TABLE 86 BUILDING THERMAL INSULATION MARKET SIZE, BY REGION, 2017–2020 (KILOTON)

TABLE 87 BUILDING THERMAL INSULATION MARKET SIZE, BY REGION, 2021–2027 (KILOTON)

9.2 EUROPE

FIGURE 47 EUROPE MARKET SNAPSHOT: GERMANY ACCOUNTED FOR LARGEST MARKET SHARE IN 2021

9.2.1 EUROPE BUILDING THERMAL INSULATION MARKET, BY MATERIAL

TABLE 88 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 89 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 90 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 91 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.2 EUROPE BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

TABLE 92 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 93 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 94 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 95 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

9.2.3 EUROPE BUILDING THERMAL INSULATION MARKET, BY COUNTRY

TABLE 96 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 97 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY

COUNTRY, 2021–2027 (USD MILLION)

TABLE 98 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 99 EUROPE: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (KILOTON)

9.2.3.1 Germany

9.2.3.1.1 Investments in residential segment and green building labeling systems

TABLE 100 GERMANY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 101 GERMANY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 102 GERMANY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 103 GERMANY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.2 France

9.2.3.2.1 Government regulations and presence of established international companies

TABLE 104 FRANCE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 105 FRANCE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 106 FRANCE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 107 FRANCE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.3 Poland

9.2.3.3.1 Building codes and increasing construction activities

TABLE 108 POLAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 109 POLAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 110 POLAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 111 POLAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.4 UK

9.2.3.4.1 Green building council and investments in construction

TABLE 112 UK: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL,

2017–2020 (USD MILLION)

TABLE 113 UK: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 114 UK: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 115 UK: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.5 Turkey

9.2.3.5.1 Influence of Building Energy Performance (BEP)

TABLE 116 TURKEY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 117 TURKEY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 118 TURKEY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 119 TURKEY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.6 Italy

9.2.3.6.1 New project finance rules and investment policies

TABLE 120 ITALY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 121 ITALY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 122 ITALY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 123 ITALY: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.7 Russia

9.2.3.7.1 High domestic demand for building thermal insulation

TABLE 124 RUSSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 125 RUSSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 126 RUSSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 127 RUSSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.2.3.8 Spain

9.2.3.8.1 Building codes and increased consumer spending

TABLE 128 SPAIN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 129 SPAIN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 130 SPAIN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 131 SPAIN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3 ASIA PACIFIC

FIGURE 48 ASIA PACIFIC MARKET SNAPSHOT: CHINA ACCOUNTED FOR LARGEST MARKET SHARE IN 2021

9.3.1 ASIA PACIFIC BUILDING THERMAL INSULATION MARKET, BY MATERIAL

TABLE 132 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 133 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 134 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 135 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.2 ASIA PACIFIC BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

TABLE 136 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 137 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 138 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 139 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

9.3.3 ASIA PACIFIC BUILDING THERMAL INSULATION MARKET, BY COUNTRY

TABLE 140 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 141 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 142 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 143 ASIA PACIFIC: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (KILOTON)

9.3.3.1 China

9.3.3.1.1 Mandatory building energy codes for commercial and residential buildings

TABLE 144 CHINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 145 CHINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 146 CHINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 147 CHINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.3.2 Japan

9.3.3.2.1 Improved energy consumption performance of buildings

TABLE 148 JAPAN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 149 JAPAN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 150 JAPAN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 151 JAPAN: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.3.3 India

9.3.3.3.1 Economic growth and government initiatives

TABLE 152 INDIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 153 INDIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 154 INDIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 155 INDIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.3.4 South Korea

9.3.3.4.1 Impact of green building certification rating and certification systems

TABLE 156 SOUTH KOREA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 157 SOUTH KOREA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 158 SOUTH KOREA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 159 SOUTH KOREA: BUILDING THERMAL INSULATION MARKET SIZE, BY

MATERIAL, 2021–2027 (KILOTON)

9.3.3.5 Thailand

9.3.3.5.1 Numerous infrastructure projects leading tourism sector

TABLE 160 THAILAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 161 THAILAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 162 THAILAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 163 THAILAND: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.3.6 Malaysia

9.3.3.6.1 Government's voluntary approach to green features in buildings

TABLE 164 MALAYSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 165 MALAYSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 166 MALAYSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 167 MALAYSIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.3.3.7 Indonesia

9.3.3.7.1 Presence of building energy codes

TABLE 168 INDONESIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 169 INDONESIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 170 INDONESIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 171 INDONESIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.4 NORTH AMERICA

FIGURE 49 NORTH AMERICA MARKET SNAPSHOT: US ACCOUNTED FOR LARGEST MARKET SHARE IN 2021

9.4.1 NORTH AMERICA BUILDING THERMAL INSULATION MARKET, BY MATERIAL

TABLE 172 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 173 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE,

BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 174 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 175 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.4.2 NORTH AMERICA BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

TABLE 176 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 177 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 178 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 179 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

9.4.3 NORTH AMERICA BUILDING THERMAL INSULATION MARKET, BY COUNTRY

TABLE 180 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 181 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 182 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 183 NORTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (KILOTON)

9.4.3.1 US

9.4.3.1.1 Increased private construction and energy-efficient codes

TABLE 184 US: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 185 US: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 186 US: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 187 US: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.4.3.2 Canada

9.4.3.2.1 Impact of growing commercial and residential constructions

TABLE 188 CANADA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 189 CANADA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 190 CANADA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 191 CANADA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.4.3.3 Mexico

9.4.3.3.1 Investments by pharma players

TABLE 192 MEXICO: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 193 MEXICO: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 194 MEXICO: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 195 MEXICO: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.5 MIDDLE EAST & AFRICA

9.5.1 MIDDLE EAST & AFRICA BUILDING THERMAL INSULATION MARKET, BY MATERIAL

TABLE 196 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 197 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 198 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 199 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.5.2 MIDDLE EAST & AFRICA BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

TABLE 200 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 201 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 202 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 203 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

9.5.3 MIDDLE EAST & AFRICA BUILDING THERMAL INSULATION MARKET, BY COUNTRY

TABLE 204 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 205 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 206 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 207 MIDDLE EAST & AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (KILOTON)

9.5.3.1 Saudi Arabia

9.5.3.1.1 Significant energy efficiency programs and increased government spending

TABLE 208 SAUDI ARABIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 209 SAUDI ARABIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 210 SAUDI ARABIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 211 SAUDI ARABIA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.5.3.2 UAE

9.5.3.2.1 Mandatory building codes

TABLE 212 UAE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 213 UAE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 214 UAE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 215 UAE: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.5.3.3 Qatar

9.5.3.3.1 High rates of infrastructure and general construction spending

TABLE 216 QATAR: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 217 QATAR: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 218 QATAR: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 219 QATAR: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.5.3.4 South Africa

9.5.3.4.1 National energy standards

TABLE 220 SOUTH AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 221 SOUTH AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 222 SOUTH AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 223 SOUTH AFRICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.6 SOUTH AMERICA

9.6.1 SOUTH AMERICA BUILDING THERMAL INSULATION MARKET, BY MATERIAL

TABLE 224 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 225 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 226 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 227 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.6.2 SOUTH AMERICA BUILDING THERMAL INSULATION MARKET, BY BUILDING TYPE

TABLE 228 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (USD MILLION)

TABLE 229 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (USD MILLION)

TABLE 230 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2017–2020 (KILOTON)

TABLE 231 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY BUILDING TYPE, 2021–2027 (KILOTON)

9.6.3 SOUTH AMERICA BUILDING THERMAL INSULATION MARKET, BY COUNTRY

TABLE 232 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 233 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (USD MILLION)

TABLE 234 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2017–2020 (KILOTON)

TABLE 235 SOUTH AMERICA: BUILDING THERMAL INSULATION MARKET SIZE, BY COUNTRY, 2021–2027 (KILOTON)

9.6.3.1 Brazil

9.6.3.1.1 Energy efficiency labeling systems and spending by other countries on construction industry

TABLE 236 BRAZIL: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 237 BRAZIL: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 238 BRAZIL: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 239 BRAZIL: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

9.6.3.2 Argentina

9.6.3.2.1 Standards regarding building envelope design and heating efficiency on building rules

TABLE 240 ARGENTINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (USD MILLION)

TABLE 241 ARGENTINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (USD MILLION)

TABLE 242 ARGENTINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2017–2020 (KILOTON)

TABLE 243 ARGENTINA: BUILDING THERMAL INSULATION MARKET SIZE, BY MATERIAL, 2021–2027 (KILOTON)

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

10.2 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 244 OVERVIEW OF STRATEGIES ADOPTED BY BUILDING THERMAL INSULATION MANUFACTURERS

10.3 MARKET SHARE ANALYSIS

10.3.1 RANKING OF KEY MARKET PLAYERS, 2021

FIGURE 50 RANKING OF TOP FIVE PLAYERS IN BUILDING THERMAL INSULATION MARKET, 2021

10.3.2 MARKET SHARE OF KEY PLAYERS

TABLE 245 BUILDING THERMAL INSULATION MARKET: DEGREE OF COMPETITION

FIGURE 51 KINGSPAN GROUP PLC LEADING PLAYER IN BUILDING THERMAL

INSULATION MARKET

10.3.2.1 Kingspan Group Plc

10.3.2.2 Knauf Gips KG

10.3.2.3 Owens Corning

10.3.2.4 Rockwool International A/S

10.3.2.5 Saint-Gobain SA

10.3.3 REVENUE ANALYSIS OF TOP FIVE PLAYERS

FIGURE 52 REVENUE ANALYSIS FOR KEY COMPANIES, 2017–2021

10.4 COMPANY PRODUCT FOOTPRINT ANALYSIS

FIGURE 53 BUILDING THERMAL INSULATION MARKET: OVERALL COMPANY FOOTPRINT

TABLE 246 BUILDING THERMAL INSULATION MARKET: MATERIAL FOOTPRINT

TABLE 247 BUILDING THERMAL INSULATION MARKET: APPLICATION FOOTPRINT

TABLE 248 BUILDING THERMAL INSULATION MARKET: REGION FOOTPRINT

10.5 COMPANY EVALUATION MATRIX (TIER 1)

FIGURE 54 COMPANY EVALUATION QUADRANT FOR BUILDING THERMAL INSULATION MARKET (TIER 1)

10.6 COMPETITIVE BENCHMARKING

TABLE 249 BUILDING THERMAL INSULATION MARKET: DETAILED LIST OF KEY START-UPS/SMES

TABLE 250 BUILDING THERMAL INSULATION MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

10.7 START-UPS/SMES EVALUATION QUADRANT

FIGURE 55 START-UPS/SME EVALUATION QUADRANT FOR BUILDING THERMAL INSULATION MARKET

10.8 COMPETITIVE SITUATION AND TRENDS

10.8.1 PRODUCT LAUNCHES

TABLE 251 BUILDING THERMAL INSULATION MARKET: PRODUCT LAUNCHES, 2018–2021

10.8.2 DEALS

TABLE 252 BUILDING THERMAL INSULATION MARKET: DEALS (2018-2022)

10.8.3 OTHER DEVELOPMENTS

TABLE 253 BUILDING THERMAL INSULATION MARKET: EXPANSIONS, INVESTMENTS, AND INNOVATIONS (2018-2022)

11 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win,

Strategic choices made, Weaknesses and competitive threats) *

11.1 MAJOR PLAYERS

11.1.1 BASF SE

FIGURE 56 BASF SE: COMPANY SNAPSHOT

TABLE 254 BASF SE: COMPANY OVERVIEW

11.1.2 SAINT-GOBAIN SA

FIGURE 57 SAINT-GOBAIN SA: COMPANY SNAPSHOT

TABLE 255 SAINT-GOBAIN SA: COMPANY OVERVIEW

11.1.3 KINGSPAN GROUP PLC

FIGURE 58 KINGSPAN GROUP PLC: COMPANY SNAPSHOT

TABLE 256 KINGSPAN GROUP PLC: COMPANY OVERVIEW

11.1.4 DOW INC.

FIGURE 59 DOW INC.: COMPANY SNAPSHOT

TABLE 257 DOW INC.: COMPANY OVERVIEW

11.1.5 OWENS CORNING

FIGURE 60 OWENS CORNING: COMPANY SNAPSHOT

TABLE 258 OWEN CORNING: COMPANY OVERVIEW

11.1.6 JOHNS MANVILLE CORPORATION

TABLE 259 JOHNS MANVILLE CORPORATION: COMPANY OVERVIEW

11.1.7 ROCKWOOL INTERNATIONAL A/S

FIGURE 61 ROCKWOOL INTERNATIONAL A/S: COMPANY SNAPSHOT

TABLE 260 ROCKWOOL INTERNATIONAL A/S: COMPANY OVERVIEW

11.1.8 GAF MATERIALS CORPORATION

TABLE 261 GAF MATERIALS CORPORATION: COMPANY OVERVIEW

11.1.9 CNBM GROUP CO., LTD.

FIGURE 62 CNBM GROUP CO., LTD.: COMPANY SNAPSHOT

TABLE 262 CNBM GROUP CO., LTD.: COMPANY OVERVIEW

11.1.10 KNAUF GIPS KG

TABLE 263 KNAUF GIPS KG: COMPANY OVERVIEW

11.1.11 ASPEN AEROGELS, INC.

FIGURE 63 ASPEN AEROGELS, INC.: COMPANY SNAPSHOT

TABLE 264 ASPEN AEROGELS, INC.: COMPANY OVERVIEW

11.2 OTHER PLAYERS

11.2.1 ATLAS ROOFING CORPORATION

TABLE 265 ATLAS ROOFING CORPORATION: COMPANY OVERVIEW

11.2.2 HOLCIM LIMITED

TABLE 266 HOLCIM LIMITED: COMPANY OVERVIEW

11.2.3 HUNTSMAN INTERNATIONAL LLC

TABLE 267 HUNTSMAN INTERNATIONAL LLC: COMPANY OVERVIEW

11.2.4 KCC CORPORATION

TABLE 268 KCC CORPORATION: COMPANY OVERVIEW

11.2.5 LAPOLLA INDUSTRIES, INC.

TABLE 269 LAPOLLA INDUSTRIES, INC.: COMPANY OVERVIEW

11.2.6 NICHIAS CORPORATION

TABLE 270 NICHIAS CORPORATION: COMPANY OVERVIEW

11.2.7 RECTICEL SA

TABLE 271 RECTICEL SA: COMPANY OVERVIEW

11.2.8 ODE INSULATION

TABLE 272 ODE INSULATION: COMPANY OVERVIEW

11.2.9 TROCELLEN GMBH

TABLE 273 TROCELLEN GMBH: COMPANY OVERVIEW

11.2.10 URSA INSULATION SA

TABLE 274 URSA INSULATION SA: COMPANY OVERVIEW

11.2.11 SIKA GROUP

TABLE 275 SIKA GROUP: COMPANY OVERVIEW

11.2.12 CELLOFOAM NORTH AMERICA, INC.

TABLE 276 CELLOFOAM NORTH AMERICA, INC.: COMPANY OVERVIEW

11.2.13 NEO THERMAL INSULATION (INDIA) PVT. LTD.

TABLE 277 NEO THERMAL INSULATION (INDIA) PVT. LTD.: COMPANY OVERVIEW

11.2.14 LLOYD INSULATIONS (INDIA) LIMITED

TABLE 278 LLOYD INSULATIONS (INDIA) LIMITED: COMPANY OVERVIEW

*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

12 ADJACENT & RELATED MARKETS

12.1 INTRODUCTION

12.2 LIMITATION

12.3 INSULATION PRODUCTS MARKET

12.3.1 MARKET DEFINITION

12.3.2 MARKET OVERVIEW

12.4 INSULATION PRODUCTS MARKET, BY REGION

TABLE 279 INSULATION PRODUCTS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 280 INSULATION PRODUCTS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

12.4.1 NORTH AMERICA

TABLE 281 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2016–2019 (USD MILLION)

TABLE 282 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2020–2026 (USD MILLION)

TABLE 283 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2016–2019 (USD MILLION)

TABLE 284 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2020–2026 (USD MILLION)

TABLE 285 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2016–2019 (USD MILLION)

TABLE 286 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2020–2026 (USD MILLION)

TABLE 287 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 288 NORTH AMERICA: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

12.4.2 EUROPE

TABLE 289 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 290 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

TABLE 291 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2016–2019 (USD MILLION)

TABLE 292 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2020–2026 (USD MILLION)

TABLE 293 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2016–2019 (USD MILLION)

TABLE 294 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2020–2026 (USD MILLION)

TABLE 295 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2016–2019 (USD MILLION)

TABLE 296 EUROPE: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2020–2026 (USD MILLION)

12.4.3 ASIA PACIFIC

TABLE 297 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 298 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

TABLE 299 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL

TYPE, 2016–2019 (USD MILLION)

TABLE 300 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2020–2026 (USD MILLION)

TABLE 301 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2016–2019 (USD MILLION)

TABLE 302 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2020–2026 (USD MILLION)

TABLE 303 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2016–2019 (USD MILLION)

TABLE 304 ASIA PACIFIC: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2020–2026 (USD MILLION)

12.4.4 REST OF WORLD

TABLE 305 ROW: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 306 ROW: INSULATION PRODUCTS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

TABLE 307 ROW: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2016–2019 (USD MILLION)

TABLE 308 ROW: INSULATION PRODUCTS MARKET SIZE, BY MATERIAL TYPE, 2020–2026 (USD MILLION)

TABLE 309 ROW: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2016–2019 (USD MILLION)

TABLE 310 ROW: INSULATION PRODUCTS MARKET SIZE, BY END-USE INDUSTRY, 2020–2026 (USD MILLION)

TABLE 311 ROW: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2016–2019 (USD MILLION)

TABLE 312 ROW: INSULATION PRODUCTS MARKET SIZE, BY INSULATION TYPE, 2020–2026 (USD MILLION)

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSDANDMARKETS SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

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