

## Report Price: £1495 | \$1995 | €1800

e above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

## This report looks at the following areas:

- How the thermal insulation sector has emerged from the COVID-19 crisis.
- Key market drivers in the thermal insulation market.
- How the market is expected to develop over the next five years.
- Key market trends across the thermal insulation market.

Following the COVID-19-related decline in 2020, the market demonstrated a good recovery in 2021, with its value up by an estimated 15%. Whilst volatility in supply chains created significant challenges to the industry in 2021, demand was supported by strong construction and renovation activity in the residential sector.

The recent buoyancy in thermal insulation demand in the private housing RMI sector is now strongly challenged by the fuel cost inflation pressure. However, soaring energy costs also provide a positive impetus for thermal insulation demand, especially affordable measures such as loft insulation and draught proofing as homeowners look for ways to reduce their heating costs.

The CCC's latest Progress report of the UK's net-zero journey, published in June 2022, singled out the UK's housing stock as a source of emissions which will derail net-zero progress without policy interventions soon. The report emphasises that decarbonising housing is particularly important in the current context of the energy price crisis. The CCC points out that if the government wants to meet its ambition for all homes to achieve EPC C by 2035, the number of homes receiving energy efficiency upgrades needs to scale up substantially. This will require much firmer government policies, new incentives and a long-term, ambitious strategy.

In the new build sector, thermal insulation demand is set to be boosted by tighter building regulations and the upcoming Future Homes Standard. Homes built under the Future Homes Standard, which will become effective in 2025, will produce 75-80% fewer carbon emissions compared with current levels. In



"The recent buoyancy in thermal insulation demand in the private housing RMI sector is now strongly challenged by the fuel cost inflation pressure."

– Claudia Preedy, Senior B2B Analyst

Buy this report now		
Visit	store.mintel.com	
EMEA	+44 (0) 20 7606 4533	
Brazil	0800 095 9094	
America	s +1 (312) 943 5250	
China	+86 (21) 6032 7300	
APAC	+61 (0) 2 8284 8100	

#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

response to anticipated thermal insulation demand growth on the back of these legislative changes, a number of manufacturers are now investing to boost their UK production capacity.

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

## **Table of Contents**

## **OVERVIEW**

- Key issues covered in this Report
- Market context
- Covered in this Report

#### **EXECUTIVE SUMMARY**

- The five-year outlook for UK thermal insulation Figure 1: Thermal insulation outlook, 2022-26
- The market
- UK thermal insulation market demonstrates strong recovery in 2021

Figure 2: UK market for thermal insulation, by sector, 2017-21

 UK building thermal insulation sector grows by an estimated 19% in 2021

Figure 3: UK market for building thermal insulation, by type, 2021 (£ million)

- Demand for industrial thermal insulation up by an estimated 4% in 2021
- Market set for sustained growth but firmer policies required to boost retrofit activity

Figure 4: Forecast UK market for thermal insulation, by sector, 2022-26

- Companies and brands
- Frequent changes to government schemes have undermined confidence in industry
- UK manufacturers likely to hike prices further
- Sustainability plays central role in wider business strategies

#### **ISSUES AND INSIGHTS**

- Failure of Green Homes Grant scheme has undermined confidence within the industry
- Government policy intervention is required to scale up home energy efficiency improvements

#### MARKET SIZE AND PERFORMANCE

- Overview
- Sustainability and ease of installation drive innovation
- UK thermal insulation market shows strong recovery in 2021 Figure 5: UK market for thermal insulation, 2017-21 Figure 6: UK market for thermal insulation, 2017-21
- Building thermal insulation represents vast majority of market

## What's included

**Executive Summary** 

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com	
emea	+44 (0) 20 7606 4533	
Brazil	0800 095 9094	
Americas	+1 (312) 943 5250	
China	+86 (21) 6032 7300	
APAC	+61 (0) 2 8284 8100	



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 7: Segmentation of UK market for thermal insulation, by sector, 2017-21

#### MARKET SEGMENTATION

- Building thermal insulation
- Government policy cuts and failed stimulus schemes result in low retrofit activity
- Consumer interest and uptake of energy efficiency products
  Figure 8: Consumer take-up of energy efficiency products,
  June 2022 (% of respondents)

Figure 9: Consumer intentions to install energy efficiency products, June 2022 (% of respondents)

• UK building thermal insulation sector grows by an estimated 19% in 2021

Figure 10: UK market for building thermal insulation, 2017-21

- Segmentation by type of building thermal insulation
- All types of building insulation measures demonstrate growth in 2021

Figure 11: UK market for building thermal insulation, by type of insulation, 2017-21

Figure 12: UK market for building thermal insulation, by type of insulation, 2017-21

Cavity wall insulation

Figure 13: Cavity wall insulation average installation cost and average energy bill savings, by type of dwelling, 2022

- 30% of homes with cavity walls remain uninsulated
- Cavity wall insulation market returns to strong growth in 2021

Figure 14: UK market for cavity wall insulation, 2017-21 Figure 15: UK market for cavity wall insulation, 2017-21

Loft insulation

Figure 16: Loft insulation average installation cost and average energy bill savings, by type of dwelling, 2022

- Nearly 8 million lofts still uninsulated
- Majority of loft insulation is mineral and glass wool produced in blanket rolls
- UK market for loft insulation rose by an estimated 28% in 2021

Figure 17: UK market for loft insulation, 2017-21 Figure 18: UK market for loft insulation, 2017-21

- **Draught proofing** Figure 19: UK market for draught proofing, 2017–21
- Roof insulation

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

- Roof insulation benefits from increased demand for loft conversions in domestic sector
- Pitched roofing accounts for largest element of roof insulation
- **Roof insulation market returns to growth in 2021** Figure 20: UK market for roof insulation, 2017–21
- External wall insulation
  Figure 21: Average energy bill savings with solid wall insulation, by dwelling type, 2022 (£/year)
- Nine out of 10 homes with solid walls remain uninsulated
- Solid wall insulation measures delivered in ECO3 fall short of government target
- External wall insulation market shows strong growth in 2021, albeit from a low level

Figure 22: UK market for external wall insulation, 2017-21

- Internal wall insulation
- Materials used for internal wall insulation
- Internal wall insulation market valued at an estimated  $\pm 56$  million in 2021

Figure 23: UK market for internal wall insulation, 2017-21

- **Pipe and cylinder lagging** Figure 24: UK market for pipe & cylinder lagging, 2017-21
- Floor insulation
- Floor insulation market grew by an estimated 8% in 2021 Figure 25: UK market for floor insulation, 2017–21
- Industrial thermal insulation market
- Demand for industrial thermal insulation increased by an estimated 4% in 2021

Figure 26: UK market for industrial thermal insulation, 2017-21

- Industrial thermal insulation by material
  Figure 27: UK market for industrial thermal insulation, by material, 2020
- Industrial thermal insulation market by end user
  Figure 28: UK market for industrial thermal insulation, by end use sector, 2021

#### MARKET FORECAST

- The five-year outlook for UK thermal insulation Figure 29: Thermal insulation outlook, 2022-26
- Market set for sustained growth but firmer policies are required to boost retrofit activity

Figure 30: Forecast UK market for thermal insulation, 2022–26 Figure 31: Forecast UK market for thermal insulation, 2022–26

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

MINTEL

Figure 32: Forecast segmentation of UK market for thermal insulation, by sector, 2022–26

- Building thermal insulation forecast
  Figure 33: Forecast for UK market for building thermal insulation, by type, 2022-26
   Figure 34: Forecast for UK market for building thermal insulation, by type, 2022-26
- Market drivers and assumptions Figure 35: Key drivers affecting Mintel's market forecast, 2015–26
- Learnings from the last recession
  Figure 36: Industry performance following the last recession, 2008-15 (£ million)
- Forecast methodology

### SUPPLY SOURCES

• UK production of thermal insulation materials

Figure 37: UK production of selected thermal insulation materials, 2016-20

Figure 38: Segmentation of the UK production of selected thermal insulation materials, by material, 2016-20 Figure 39: Segmentation of the UK production of selected thermal insulation materials, by material, 2020

 Recent investments at UK insulation material manufacturing plants

#### Trends in imports

Figure 40: UK imports of selected thermal insulation materials, 2017-21

Figure 41: Segmentation of UK imports of selected thermal insulation materials, by material, 2017-21

#### • Trends in exports

Figure 42: UK exports of selected thermal insulation materials, 2017-21

Figure 43: Segmentation of UK exports of thermal insulation materials, by material, 2017-21

Figure 44: UK trade surplus/deficit in thermal insulation materials, by material, 2017-21

#### STRUCTURE OF DISTRIBUTION NETWORK

- Overview
- Majority of building insulation sales pass through insulation distributors

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100

#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

#### **MARKET TRENDS**

- Sustainability drive
- Sustainability plays central role in wider business strategies
- Innovative, tech-based solutions enable more efficient and less disruptive insulation installation
- Q-Bot robotic underfloor insulation
- Energiesprong aims to create an affordable, scalable and industrialised market for net-zero housing retrofit in the UK

#### **REGULATORY AND LEGISLATIVE ENVIRONMENT**

- Building regulations
- Future Homes Standard aims to make new homes "zero carbon ready" by 2025
- Ban on combustible material on high-rise homes
- Government commitment to reach Net Zero by 2050
- Carbon budgets and Net Zero Strategy
- Firmer policies required if government is to meet its home energy efficiency targets
- Energy supplier obligation (ECO) initiatives to improve energy efficiency of domestic homes
- ECO3 entirely focused on fuel-poor and low-income homes Figure 45: Modelled uptake of energy efficiency measures in ECO3 compared to actual uptake, 2018-22
- ECO4 (2002-26) should upgrade around 450,000 homes
- Proposed ECO Plus scheme
- Minimum Energy Efficiency Standards for private rented sector
- Other government initiatives aimed to improve the energy efficiency of UK housing stock
- CCC highlights "shocking gap in policy for better-insulated homes"

#### **MARKET DRIVERS**

Housing stock characteristics

Figure 46: Number of UK households, 1991-2021 Figure 47: Government predictions of the number of households in the UK, 2025-39

Figure 48: Housing stock distribution in England, by age, 2020 Figure 49: Housing stock distribution in England, by age and tenure, 2020

Figure 50: Housing stock analysis for England, by type, 2020 Figure 51: Housing stock distribution in Scotland, by age, 2019 Figure 52: Housing stock analysis for Scotland, by type, 2019

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

store.mintel.com
+44 (0) 20 7606 4533
0800 095 9094
+1 (312) 943 5250
+86 (21) 6032 7300
+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Private rented properties among the least energy-efficient in the domestic housing stock

Figure 53: UK home ownership trends, 2008-18

- Improvements in energy efficiency ratings of English homes Figure 54: Energy efficiency rating bands of English dwellings, by tenure, 2020 (% of dwellings)
- Current insulation levels in housing stock and remaining potential

Figure 55: Remaining potential to insulate the housing stock in GB, December 2021

- Government home energy efficiency schemes
- 8% of households had a measure installed under ECO scheme

Figure 56: Number of key insulation ECO measures installed, by measure type, Q1 2016-Q1 2022 Figure 57: Number of key insulation ECO measures installed, by measure type, 2017-21

• Share of insulation measures falls in ECO3 due to shift towards heating measures

Figure 58: Number of insulation ECO measures installed, by obligation, 2013-22

Figure 59: Key insulation ECO measures installed, by measure type, 2013-22

- Decarbonising current housing stock presents major challenge
- Drivers in heating and ventilation sector Figure 60: Market forecast for data centres, 2021-26
- Drivers for process plant investment

### **UK CONSTRUCTION ACTIVITY**

Major COVID-19 disruption

Figure 61: Market size for construction, 2016-21

- New construction Figure 62: Market size for new construction, 2016-21 (£ million)
- RMI

Figure 63: Market size for RMI construction, 2016-21 (£ million)

Diverse sectors with different influences

Figure 64: Segmentation of new construction activity, 2021 (£ million)

Figure 65: Segmentation of RMI construction activity, 2021 (£ million)

- Housing construction
- The context

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 66: Housing completions in England, by sector, 1978–2021

Construction activity disrupted

Figure 67: The new housebuilding market, 2016-21 Figure 68: Segmentation of the new housebuilding market, 2016-21

- Market prospects
  - Figure 69: Forecast for new housebuilding market, 2021-26
- Private commercial construction
- A market susceptible to recessions

Figure 70: Long-term development of commercial construction, 1970-2021

Construction activity and prospects

Figure 71: The new commercial construction market, 2016-21 Figure 72: Segmentation of commercial construction market, 2016-21 (£ million)

Figure 73: Forecast for commercial construction market, 2022-26

- Private industrial construction
- The context

Figure 74: Long-term development of industrial construction, 1970-2021

Construction activity and prospects

Figure 75: The new industrial construction market, 2016-21 Figure 76: Segmentation of industrial construction, 2016-21 Figure 77: Forecast for industrial construction market, 2021-26

#### **INDUSTRY STRUCTURE**

#### Industry development

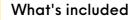
Figure 78: Analysis of changes in the other non-metallic mineral products manufacturing industry, 2017-21 Figure 79: Analysis of changes in the glass fibres manufacturing industry, 2017-21

- Contracting industry
- Structure by employment

Figure 80: Analysis of the employment structure of the other non-metallic mineral products manufacturing industry, 2020 and 2021

Figure 81: Analysis of the employment structure of the glass fibres manufacturing industry, 2020 and 2021

Structure by turnover



Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
emea	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.

Figure 82: Analysis of the financial structure of the other nonmetallic mineral products manufacturing industry, 2020 and 2021

Figure 83: Analysis of the financial structure of the glass fibres manufacturing industry, 2020 and 2021

#### **COMPANY PROFILES**

- Encon Insulation
- Financial performance Figure 84: Financial analysis of Encon Insulation, 2017-21
- Company outlook
- Jablite
- Acquisition by BEWI and restructuring
- Financial performance
- Kingspan Insulation
- IKON, Kingspan's global innovation centre
- Response to issues arising from the UK's Grenfell Tower Inquiry
- Financial performance Figure 85: Financial analysis of Kingspan Insulation, 2016-20
- Company strategy
- Knauf Insulation
- Investment in UK manufacturing facilities
- Glass Mineral Wool product range accredited as DECLARE 'Red List Free'
- Financial performance and outlook Figure 86: Financial analysis of Knauf Insulation, 2016-20
- Rockwool
- Company strategy
- Financial performance and outlook Figure 87: Financial analysis of Rockwool, 2016-20
- SIG
- Recent disposals
- Acquisitional activity
- Return to Growth strategy
- Financial performance Figure 88: Financial analysis of SIG, 2017-21
- Superglass Holdings
- £37 million plant upgrade doubles capacity to 60,000 tonnes of glass wool insulation
- Company strategy
- Financial performance

Figure 89: Financial analysis of Superglass Holdings, 2016-20

## What's included

Executive Summary

Full Report PDF

Infographic Overview

Powerpoint Presentation

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com
EMEA	+44 (0) 20 7606 4533
Brazil	0800 095 9094
Americas	+1 (312) 943 5250
China	+86 (21) 6032 7300
APAC	+61 (0) 2 8284 8100



#### Report Price: £1495 | \$1995 | €1800

The above prices are correct at the time of publication, but are subject to change due to currency fluctuations.



## APPENDIX – DATA SOURCES, ABBREVIATIONS AND SUPPORTING INFORMATION

- Abbreviations
- Methodology

#### FURTHER SOURCES AND CONTACTS

- Trade associations
- Association for the Conservation of Energy
- British Urethane Foam Contractors Association (BUFCA)
- Energy Industries Council
- Energy Saving Trust
- Insulation Manufacturers Association (IMA)
- National Insulation Association
- Thermal Insulation Contractors' Association
- Thermal Insulation Manufacturers & Suppliers Association
- Trade magazines
- Roofing, Cladding & Insulation
- Trade events
- National Homebuilding & Renovating Show
- Northern Homebuilding & Renovating Show
- Scottish Homebuilding & Renovation Show
- Southern Homebuilding & Renovating Show
- South-West Homebuilding & Renovating Show

### What's included

**Executive Summary** 

Full Report PDF

Infographic Overview

**Powerpoint Presentation** 

Interactive Databook

Previous editions

## Did you know?

This report is part of a series of reports, produced to provide you with a more holistic view of this market.

All Mintel 2020 reports contain specific COVID-19 related research and forecasts. The world's leading brands rely on Mintel reports for the most complete, objective and actionable market intelligence.

Visit	store.mintel.com	
emea	+44 (0) 20 7606 4533	
Brazil	0800 095 9094	
Americas	+1 (312) 943 5250	
China	+86 (21) 6032 7300	
APAC	+61 (0) 2 8284 8100	



# **About Mintel**

Mintel is the **expert in what consumers want and why.** As the world's leading market intelligence agency, our analysis of consumers, markets, product innovation and competitive landscapes provides a unique perspective on global and local economies. Since 1972, our predictive analytics and expert recommendations have enabled our clients to make better business decisions faster

Our purpose is to help businesses and people grow. To find out how we do that, visit **mintel.com.**