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Insulation:

United States

December 2017



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About This Report

Scope & Method

This report forecasts to 2021 US insulation demand in nominal US dollars at the manufacturer level and in square feet of R-1. Total demand in nominal US dollars is segmented by material in terms of:

- fiberglass
- foamed plastic
- cellulose
- mineral wool
- reflective insulation and radiant barriers
- other materials such as perlite and vermiculite

Total demand in nominal US dollars is also segmented by market as follows:

- residential buildings
- commercial buildings
- industrial and HVAC equipment
- other markets such as appliances and transportation equipment

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Insulation: United States (FF60026) is based on *Insulation Market in the US*, a comprehensive industry study published by The Freedonia Group. Reported findings

About This Report

represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 8 | Industry Codes Related to Insulation

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
321219	Reconstituted wood product manufacturing	2493	Reconstituted wood products
326140	Polystyrene foam product manufacturing	3086	Plastics foam products
326150	Urethane & other foam product manufacturing, excluding polystyrene	3086	Plastics foam products
327992	Ground or treated mineral & earth manufacturing	3295	Minerals & earths, ground or otherwise treated
327993	Mineral wool manufacturing	3296	Mineral Wool

Source: US Census Bureau

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Resources

The Freedonia Group

Insulation Market in the US, December 2017

Freedonia Industry Studies

Windows & Doors Market Forecasts in the US, September 2017

Roofing: US Forecasts, September 2017

US HVAC Market Forecasts, June 2017

Roofing Underlay Market in the US, November 2016

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Walls & Ceilings

Journal of Light Construction

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Agencies & Associations

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National Insulation Association

Insulation Institute

North American Insulation Manufacturers Association

Polyisocyanurate Insulation Manufacturers Association

Cellulose Insulation Manufacturers Association