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Global Collection

# Global Ceilings

July 2021



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# About This Report

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## Scope

This report forecasts to 2025 global demand for ceilings by product, market, and major world region in nominal US dollars at the manufacturer level. Product segments include:

- ceiling tiles
- suspension systems
- specialty ceilings

Reported markets encompass:

- nonresidential
- residential

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions.

To illustrate historical trends, world, product, market, and regional demand (including product and market segments) are provided for 2010, 2015, and 2020. Finally, global production is segmented by major world region and provided for 2010, 2015, 2020, and 2025.

Excluded from the scope of this report are:

- drywall (which itself is typically covered by paint, joint compound, or some form of spray coating)
- open plenum (open deck or exposed upper structure) surfaces
- return vents and other in-ceiling non-ceiling products (such as recessed lights)
- ceiling accessories (wires and attachments, moulding and trim, and all other accessories such as seismic braces)

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2020.

Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

## Sources

*Global Ceilings* (FW60073) is based on a [comprehensive industry study](#) published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental 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 10 | NAICS & SIC Codes Related to Ceilings**

NAICS/SCIAN 2017 North American Industry Classification System		SIC Standard Industrial Classification	
327993	Mineral wool products (e.g., board, insulation, tile) manufacturing	3296	Mineral Wool
327420	Gypsum building products manufacturing	3275	Gypsum Products
321999	All Other Miscellaneous Wood Product Manufacturing	2499	Wood Products, Not Elsewhere Classified

Source: US Census Bureau

**Table 11 | HS Codes Related to Ceilings**

HS Code	Definition
6806	Slag, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag, mixtures and articles of heat, sound insulating or sound-absorbing mineral materials
6808	Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw, shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders
6809.19	Articles of plaster or of plaster compositions; boards, sheets, panels, tiles and similar articles, (other than faced or reinforced with paper or paperboard only), not ornamented
7308.90	Iron or steel; structures and parts thereof, n.e.c. in heading 7308
7610.90	Aluminium; structures (excluding prefabricated buildings of heading no. 9406) and parts of structures, n.e.c. in heading no. 7610, plates, rods, profiles, tubes and the like

Source: United Nations Statistics Division

**Table 12 | NACE Codes Related to Ceilings**

NACE Code	Definition
23.14	Manufacture of glass fibres
23.52	Manufacture of lime and plaster

Source: European Commission

## Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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.

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## Resources

### The Freedonia Group

*Global Ceilings*

### Freedonia Industry Studies

*Building Envelope*

*Carpets & Rugs*

*Ceilings Market in the US*

*Flooring*

*Global Carpets & Rugs*

*Global Cement*

*Global Drywall & Building Plaster*

*Global Flooring*

*Global Hard Surface Flooring*

*Global Housing*

*Global HVAC Equipment*

*Global Insulation*

*Global Siding (Cladding)*

*Global Windows & Doors*

*Hard Surface Flooring*

*Insulation in the US*

*Lumber*

*Moulding & Trim*

*Prefabricated Housing*

*Roofing*

*Siding*

*Windows & Doors*

### Freedonia Focus Reports

*Construction: United States*

*Decorative Laminates: United States*

*Drywall & Building Plaster: United States*

*Insulation: United States*

*Real Estate: United States*

### Freedonia Custom Research



## Trade Publications

*Construction Dimensions*

*Walls & Ceilings*

## Agencies & Associations

American National Standards Institute

Association of the Wall and Ceiling Industry

Ceilings and Interior Systems Construction Association (CISCA)

Eurostat

International Monetary Fund

International Organization for Standardization

National Association of Home Builders

Organisation for Economic Co-operation and Development

United Nations Comtrade

United States Green Building Council

World Bank