Market Study: Insulation Materials





This brochure provides further information on the study: "Insulation Materials – Europe (7th Edition)"

Executive Summary

How many billions of euros can the construction sector expect? Europe's construction industry is eagerly awaiting the details of the German "Special Fund for Infrastructure and Climate Neutrality" and the "Made for Germany" initiative. Some of the gigantic investments will in any case be spent on buildings — and therefore also on thermal insulation and energy-efficient refurbishment. Ceresana has now published market data and forecasts for the European insulation market for the seventh time. Around 210 million cubic meters of insulating materials are currently used in the construction industry in Europe every year.

Insulation Industry Hopes for an Upturn

Over the past two years, Ceresana's market researchers have recorded an overall decline in demand for insulation materials in Europe. Although the renovation construction sector is developing dynamically in various regions, it can only partially compensate for the tense situation in new construction. The completion of new apartments could now bottom out in the current year: The construction industry in Europe is expected to stabilize slightly from 2026. In some countries, however, the turnaround in the insulation market is likely to take a little longer. In Italy and France, major support programs for the construction industry have just ended. The manufacturers and processors of insulation materials are now expecting a lot from the billions in government spending in Germany, but also from the EU Commission's plans to make the European Union independent of oil and gas from Russia by 2030 and climate-neutral by 2050 by investing in energy efficiency and energy saving. The new market report by Ceresana also provides background information on the regulatory framework in the EU as well as the general economic situation and the situation of the construction industry in the individual countries.

Trend Towards Foam Insulation

The demand for EPS is currently growing in Europe. Other foamed plastics are also used for thermal insulation and soundproofing: XPS, PUR, and PIR. On the one hand, synthetic insulating materials made from plastics are produced from crude oil or natural gas and have to be treated with flame retardants. On the other hand, they score points for durability, weather resistance, low weight, and, so far, low costs. The mineral wool market (stone wool or glass wool) is developing less dynamically. Bio-based insulation materials still only account for a small proportion of the total European market. The types of insulation material used vary greatly from region to region. Ceresana's new market report therefore deals with the specific circumstances and factors in chapters focused on individual countries.

Current Market Study:

Chapter 1 provides a well-founded overview of the entire European market with forecasts up to the year 2034. Clear tables and graphs provide up-to-date market data on the demand split by construction segments and on the most important types of insulation material: revenue, production, and demand for EPS, XPS, PUR/PIR, glass wool, and stone wool. A separate section provides a brief overview of bio-based insulation materials.

Chapter 2 presents a detailed analysis of 18 European countries: Demand, revenues, production, and trade are each considered individually. The key figures are shown separately for the various insulation material types. Demand is also broken down into 4 construction segments.

Chapter 3 presents 49 company profiles of the most important manufacturers, including Saint-Gobain, Holcim, Sika, Knauf, Kingspan, SOPREMA, Etex, and ROCKWOOL.

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in million m ³	2022	2023	2024	2025p	2026р	2027p	2028p	2029p	2034p	2024
New Construction	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Renovation	Х	Х	Х	Х	х	X	Х	Х	х	X % p.a.
Residential	Х	Х	Х	Х	X	X	Х	Х	X	X % p.a.
Non- Residential	х	х	Х	х	Х	х	Х	х	Х	X %
Total	х	Х	х	х	Х	Х	х	х	х	X % p.a.
Table: Deman	d in Swi	itzerlan			to 2034					men
in million m³	2022	2023	2024	2025p	2026p	2027p	2028p	2029p	2034p	2024 2034
					2026p					2024 2034 X % p.a.
in million m³	2022	2023	2024	2025p	2026p	2027p	2028p	2029p	2034p	2024 2034 X % p.a.
in million m ³ EPS & XPS	2022 X	2023	2024	2025 p	2026p X X	2027p X	2028p X	2029p X	2034p X	2024 2034 X % p.a. X % p.a.
in million m ³ EPS & XPS PUR & PIR	2022 X X	2023 X X	2024 X X	2025p X X	2026p X X	2027p X X	2028p X X	2029p X X	2034p X	2024 2034 X % p.a. X % p.a. X %
in million m ³ EPS & XPS PUR & PIR Glass Wool	2022 X X X	2023 X X X	X X X	2025p X X X	2026p X X X	X X X	2028p X X	2029p X X X	2034p X X	2024 2034 X % p.a. X % p.a. X % p.a.

After 0.7% in 2023, Swiss GDP growth will reach 1.3% in both 2024 and 2025 according to IMF forecasts. Switzerland is one of the most innovative and competitive business locations in the world. The country is a hub for the international commodities and gold trade. The chemical and pharmaceutical industries and the production of watches and luxury goods are also particularly important. In 2024, Swiss goods exports grew by 3.2% in nominal terms to CHF 282.9 billion, almost exclusively thanks to the chemical and pharmaceutical sector. Imports, on the other hand, fell by 1.6% to CHF 222.3 billion. The Swiss trade balance thus reached a new record surplus of CHF 60.6 billion, around CHF 12 billion more than in 2023. The strong increase in trade with Slovenia is striking (exports to this country grew by CHF 10.7 billion, imports from there by CHF 5.8 billion): Investments by the pharmaceutical companies Novartis and Sandoz, which serve the EU market from Slovenia, make this country one of Switzerland's most important trading partners.

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Market Study: "Insulation Materials – Europe (7th Edition)" 18 Countries, 49 Producers, 280 Pages, 42 Graphs, 133 Tables, 07/2025

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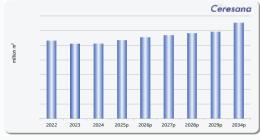
Switzerland is traditionally geared towards the global market. Imports into Switzerland were made easier, as import duties were abolished for all goods with the exception of agricultural products at the start of 2024. The notorious financial center is weakening somewhat: The scandal-ridden Credit Suisse, one of the oldest and largest private banks in the world, required state aid in March 2023 and was taken over by its competitor UBS. Switzerland is not a member of the EU or the EEA, but is closely...

2.14.2 Production and Trade

About X million m^3 of insulation materials were produced in 2024. Production volume is expected to increase by an average of X% p.a. to approx. X million m^3 in 2034.

in million m³	2022	2023	2024	2025p	2026р	2027p	2028p	2029p	2034p	2024-
Production	х	Х	Х	х	х	х	х	х	х	X % p.a.
Import	х	Х	Х	х	x	×	Х	×	×	X % p.a.
Export	х	Х	Х	х	Х	Х	Х	Х	х	X % p.a.
Demand	Х	Х	х	х	х	х	х	х	х	X %

Table: Production, import, export, and demand in Switzerland from 2022 to 2034



Graph: Production in Switzerland from 2022 to 2034

in million m³	2022	2023	2024	2025p	2026р	2027р	2028p	2029p	2034p	2024- 2034
EPS & XPS	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
EPS	Х	Х	Х	Х	Х	Х	Х	Х	Х	X %
XPS	Х	Х	Х	Х	Х	Х	Х	Х	Х	p.a. X %
PUR & PIR	Х	Х	Х	Х	Х	Х	Х	Х	Х	p.a. X %
Glass Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	p.a. X %
Stone Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	p.a. X %
Total	Х	Х	Х	Х	Х	х	Х	Х	х	p.a. X %

Table: Production in Switzerland from 2022 to 2034 – split by type of insulation material

in million m³	2022	2023	2024	2025p	2026р	2027p	2028p	2029p	2034p	2024- 2034
Import - EPS & XPS	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Import - PUR & PIR	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Import - Glass Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Import - Stone Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Import - Total	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Export - EPS & XPS	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Export - PUR & PIR	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Export - Glass Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Export - Stone Wool	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.
Export - Total	Х	Х	Х	Х	Х	Х	Х	Х	Х	X % p.a.

2 Market Data: Country Profiles

(For each country: Demand, production, revenues, export & import per type as well as demand split by the construction segments new construction, renovation, residential construction, and non-residential construction.)

- 2.1 Austria
- 2.2 Belgium
- 2.3 Czechia
- 2.4 Finland
- 2.5 France
- 2.6 Germany
- 2.7 Italy
- 2.8 Norway
- 2.9 Poland
- 2.10 Romania
- 2.11 Russia
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- 2.16 Türkiye
- 2.17 Ukraine
- 2.18 United Kingdom
- 2.19 Other Europe

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3 Company Profiles*

Austria (4 Producers)

Belgium (4)

Bosnia and Herzegovina (1)

Denmark (1)

Finland (2)

France (2)

Germany (8)

Greece (2)

Hungary (1)

Ireland (1)

Italy (3)

Luxembourg (1)

Norway (2)

Poland (2)

Russia (3)

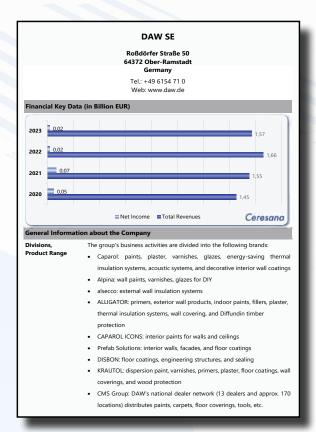
Slovenia (1)

Spain (1)

Switzerland (5)

Türkiye (2)

United Kingdom (3)



- Caparol Industrial Solutions: high-quality color concentrates in various consistencies for a variety of industrial applications
- Synthesa: substrate pretreatment, paints and coatings, plasters, thermal insulation composite systems, wood glues, and more

DAW SE operates seven production sites in Germany. Additionally, 13 of the

Profile Summary

group's subsidiaries operate their own production sites abroad.

DAW SE (Deutsche Amphibolin-Werke von Robert Murjahn Stiftung & Co KG) was founded in 1895 and is 100% family-owned. Since 2013, the company has been operating as a Societas Europeae (SE). DAW specializes in paints and coatings, thermal insulation, and building protection. In 2023, the group employed around 6,000 people.

In 2023, the group's total assets amounted to EUR 1.05 billion. Furthermore, DAW invested around EUR 31.6 million in R&D (2022: EUR 32.7 million). Split by geographical region, 57.6% of revenues in 2023 were generated in Germany, 29.8% in the rest of Western Europe, 11.9% in Eastern Europe, and 0.7% in Middle East and Asia.

The company's quality, environment, safety, and energy management systems are certified according to ISO 9001, ISO 14001, ISO 45001, and ISO

DAW produces insulation materials through the following subsidiaries

- · Caparol offers insulation boards for roof, floor, and ceiling insulation as well as for external thermal insulation composite systems made with polystyrene hard foam, mineral foam, mineral wool, resol hard foam, or polyurethane under the brand name "Capatect".
- ALLIGATOR offers EPS insulation boards under the brand name "Dalmatiner" and mineral wool insulation boards for facades, EPS and XPS perimeter insulation boards, and EPS insulation boards for basement ceilings.
- Core" and "Clima Redboard" as well as EPS, XPS, and mineral fiber insulation boards for

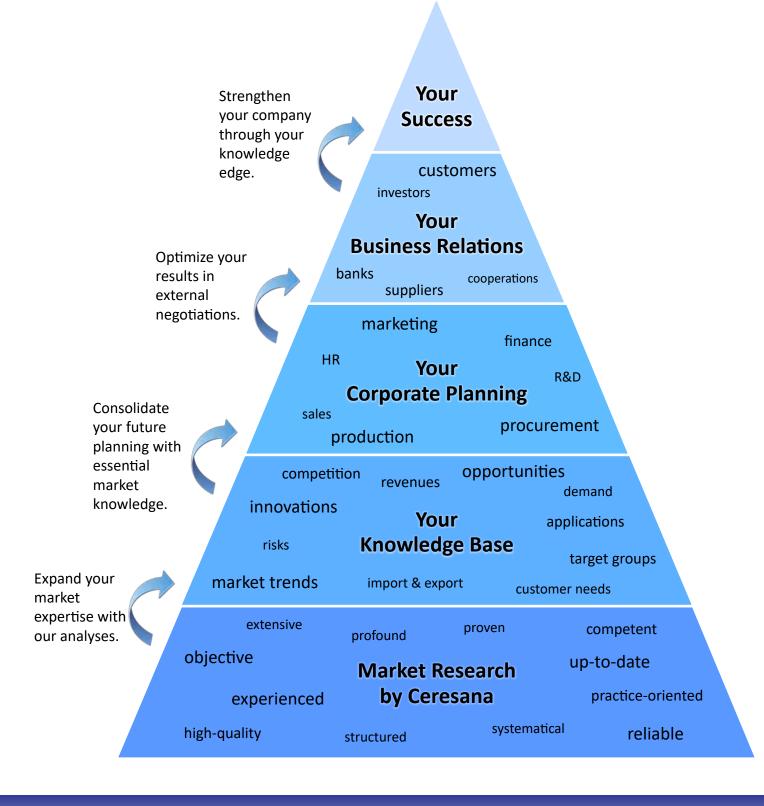
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^{*}Note: The profiles are assigned to the country in which the company or holding is headquartered. Profiles also include JVs and subsidiaries.

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<u>Bioplastics – World</u> <u>Printing Inks – Europe</u> / <u>– World</u>

<u>Polylactic Acid – World</u> <u>Windows & Doors – Europe</u>

<u>Carbon Black – World</u> <u>Composites (CFRP & GFRP) – World</u>

<u>Fillers – Europe / – World</u> <u>Engineering Plastics – World</u>

<u>Flame Retardants – World</u> <u>Expandable Polystyrene – World</u>

<u>Pigments – World</u> <u>Masterbatches – World</u>

<u>Plastic Additives – World</u> <u>Plastics – Europe</u> / <u>– World</u>

<u>Plasticizers – World</u> <u>Polyethylene (LDPE) – World</u>

<u>Solvents – World</u> <u>Polyethylene (LLDPE) – World</u>

<u>Stabilizers – World</u> <u>Polypropylene – World</u>

<u>Surfactants – World</u> <u>Polyvinyl Chloride – World</u>

Titanium Dioxide – World Silicones – World

<u>Synthetic Rubber – World</u>

<u>Bags, Sacks & Pouches – Europe</u> / <u>– World</u>

Corrugated Board & Solid Board – Europe

Thermoplastic Elastomers – World

Flexible Packaging – Europe Automotive Coatings – World

<u>Food Packaging – Europe</u> <u>Automotive Plastics – Europe</u> / <u>– World</u>

<u>Labels – Europe</u> <u>Hybrid & Electric Cars – Europe</u>

<u>Plastic Caps & Closures – Europe / – World</u>

Plastic Films - Europe / - World



Plastics

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