Hungary Glass Raw Materials and Products Overseas Market Analysis Report

□ Target Country: Hungary

□ Main Category: Glass Raw Materials and Products

□ Report Update Date: June 30, 2026

Hungary Glass Raw Materials and Products Core Conclusions

Hungary is a key glass consumption market in Central Europe, with annual apparent consumption of approximately **36–40 thousand tonnes** (flat glass equivalent) and import dependence of about **45–50%**. China is the **third-largest** source of glass raw materials and products for Hungary, accounting for about 14% in 2024. Falling energy costs support local production, but ⚠ EU anti-dumping measures continue to suppress Chinese exports of photovoltaic glass and other categories to Hungary. Construction recovery and rising PV installations form a dual engine for demand.

Annual consumption (flat glass equivalent)	36–40 thousand tonnes
Import dependence	45–50%
China supply share (2024)	≈14% Third-largest source

Source: Eurostat, Hungarian Central Statistical Office (KSH), General Administration of Customs of China; 2024 annual data and Q1 2025 update

Supply and Demand Fundamentals

Hungary's glass market exhibits a structural supply-demand gap, with domestic output of approximately **20–22 thousand tonnes/year**, insufficient to meet consumption needs. Imports mainly come from Germany, Poland, the Czech Republic and China. Construction recovered moderately in 2024, pushing the share of architectural glass demand to **57%**; automotive glass, driven by Audi and Mercedes plants in Hungary, accounted for about 19%.

Indicator	2023	2024	YoY Change
Domestic output (thousand tonnes)	19.5	20.8	▲ +6.7%
Imports (thousand tonnes)	17.2	18.5	▲ +7.6%
Exports (thousand tonnes)	3.8	4.1	▲ +7.9%
Apparent consumption (thousand tonnes)	32.9	35.2	▲ +7.0%

Source: Eurostat, Hungarian Central Statistical Office (KSH); 2024 annual data, updated March 2025

China Market Status

China's float glass industry went through a price adjustment cycle in 2024, with a national average price of approximately **RMB 1,780/tonne**, down about 8% from 2023. Heavy soda ash prices fell back to the range of **RMB 2,050–2,200/tonne**, easing glass production cost pressure. The industry operating rate maintained **78–82%** in Q1 2025. Chinese exports of glass products to the EU were impacted by anti-dumping investigations, with PV glass export volumes down about 15% year-on-year.

Float glass national average price (2024)	≈RMB 1,780/tonne ▼ YoY -8%
Heavy soda ash price range	RMB 2,050–2,200/tonne
Industry operating rate (Q1 2025)	78–82%

Source: Longzhong Information, Sci99; 2024 annual data and Q1 2025 update. Monthly price for June 2026 carries forward prior value, no latest public data available

Hungary Market Status

Hungary's flat glass market prices are influenced by overall EU supply and demand, with local ex-works prices around **€380–420/tonne** in 2024. Import dependence remains high, with Germany (**28%**), Poland (**21%**) and China (**14%**) as the top three import sources. Hungarian construction output grew about **4.2%** in 2024, driving architectural glass demand; automotive glass demand benefited from expansion at Audi's Győr plant.

Flat glass local ex-works price	€380–420/tonne
Top 3 import sources	Germany 28% | Poland 21% | China 14%
Construction output growth (2024)	▲ +4.2%

Source: Eurostat, Hungarian Central Statistical Office (KSH), Guardian Glass Hungary industry data; 2024 annual data

Segmented Product Structure

Hungary's imported glass products can be grouped into float glass, container glass, and photovoltaic/specialty glass. Float glass holds the largest share (approximately **48%**), mainly used in construction; container glass accounts for about **28%**, serving the food and beverage industry; PV glass imports grew rapidly, with a year-on-year increase of 22% in 2024, but China's share contracted somewhat due to EU anti-dumping duties.

Subcategory	Import Share	2024 Demand Trend
Float glass	48%	▲ +5% construction-driven
Container glass	28%	▲ +3% food & beverage
PV / specialty glass	16%	▲ +22% PV installations
Others (automotive, appliances, etc.)	8%	Stable

Source: Eurostat Comext database, Hungarian Energy Authority PV installation report; 2024 annual data, extracted March 2025

Core Product Supply and Demand

Hungary's flat glass (construction-grade) supply-demand gap is about **14–16 thousand tonnes/year**, which must be filled by imports. In 2024, the capacity utilization rate of the local Guardian Glass plant rose to about **88%**, but a large gap remains. PV glass demand is growing rapidly; Hungary added over **1.2 GW** of new PV capacity in 2024, driving a surge in PV glass import needs. Inventory levels remain in the normal range of **1.8–2.2 months**.

Flat glass supply-demand gap	14–16 thousand tonnes/year
Guardian plant capacity utilization	≈88%
2024 new PV installations	▲ 1.2 GW+

Source: Guardian Glass annual report, Hungarian Energy Authority, Eurostat; 2024 annual data

Intermediate Products and Raw Materials Value

Soda ash is the core raw material for glass production, accounting for about **18–22%** of costs. The average price of heavy soda ash from Chinese production areas was approximately **RMB 2,120/tonne** in 2024; after adding sea freight and tariffs, the estimated CIF Hungary price is about **€310–350/tonne**. Silica sand supply is relatively stable, mainly sourced locally and from Slovakia. Natural gas prices have fallen back to the €28–35/MWh range, significantly lower than the 2022 peak, benefiting local production.

China heavy soda ash avg. price (production area)	≈RMB 2,120/tonne
Estimated CIF Hungary price	€310–350/tonne
Natural gas price (TTF benchmark)	€28–35/MWh Eased

Source: Longzhong Information (soda ash), 100ppi (silica sand), ICE Endex TTF; 2024 annual data, June 2026 price carries forward prior value, no latest public data available

Trade and Macro Indicators

Sino-Hungarian bilateral trade amounted to approximately **USD 14.5 billion** in 2024, with glass raw materials and products accounting for about **2.8%** of Hungary's trade with China. Hungary's GDP growth was about **1.8%** in 2024, expected to recover to **2.5–3.0%** in 2025. The EUR/CNY exchange rate fluctuated in the 7.6–7.9 range. EU anti-dumping duties on Chinese PV glass range from 17.5–75.4%, significantly affecting trade flows for relevant categories.

Sino-Hungarian bilateral trade (2024)	≈USD 14.5 billion
Hungary GDP growth (2024)	1.8%
EUR/CNY range	7.6–7.9

Source: General Administration of Customs of China, Hungarian Central Statistical Office (KSH), World Bank, European Commission DG Trade; 2024 annual data

Risks and Opportunity Windows

⚠ Risk EU anti-dumping duties on Chinese PV glass remain in place, with rates as high as **75.4%**, suppressing Chinese exports of relevant categories to Hungary. Geopolitical tensions may affect energy prices and supply chain stability. EUR exchange rate fluctuations increase trade settlement uncertainty.

√ Opportunity Hungary's construction recovery and PV installation targets (6 GW by 2030) create incremental demand. Deepening China-Hungary Belt and Road cooperation, direct Kunshan-Budapest flights and China-Europe Railway Express reduce logistics costs. A window for localized cooperation and capacity investment exists.

PV glass anti-dumping duties	17.5–75.4%
Hungary 2030 PV target	6 GW growth space

Source: European Commission DG Trade, Hungary National Energy and Climate Plan (NECP), Ministry of Commerce of China; 2024–2025 policy documents

□ Data Sources Summary (at least 5 independent sources)

1. Eurostat – trade data, industry statistics; 2024 annual, extracted March 2025
2. Hungarian Central Statistical Office (KSH) – construction output, GDP, import data; 2024 annual
3. General Administration of Customs of China – Sino-Hungarian trade value, glass product export data; 2024 annual
4. Longzhong Information – China soda ash and float glass prices, operating rates; 2024 annual and Q1 2025
5. Sci99 – float glass market data; 2024 annual
6. European Commission DG Trade – anti-dumping duty rates, trade policy; 2024–2025
7. Hungarian Energy Authority – PV installation data; 2024 annual
8. Guardian Glass Hungary – industry capacity data; 2024 annual report
9. World Bank – macroeconomic indicators; 2024 annual
10. ICE Endex TTF – natural gas benchmark price; 2024 annual