

Brazil Prefabricated Buildings - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2020 - 2029

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Report description:

The Brazil Prefabricated Buildings Market size is estimated at USD 3.25 billion in 2024, and is expected to reach USD 4.26 billion by 2029, growing at a CAGR of 5.54% during the forecast period (2024-2029).

Key Highlights

- Modular construction is new in the country, especially for housing. However, as in many other countries, "the pandemic, especially the hospital built in China, brought lots of attention to modular construction. There are very few suppliers of the materials the market needs. So, customers end up adopting a lot of materials from traditional construction. Providing the kind of finish clients expect can be challenging, given the lack of options available. The transport regulations do not allow manufacturers to transport larger units by road, which are not always well-maintained,
- Small projects in Brazil are rising for commercial tourism, taking advantage of cost-effective and fast prefabrication construction techniques. Due to the economy, rationalization, and work speed, the largest of Brazil's school projects are designed from prefabricated concrete elements with rigid modulations and, in rare cases, steel.
- The Brazilian company Urban3D is prefabricating the parts of buildings and then assembling them on-site to combat Brazil's housing crisis. This method requires human workers to assemble the buildings. It also shows how the techniques of 3D printing can be used to quickly and efficiently support the needs of society. Driven by the housing crisis, affordable and smart housing, the prefabricated buildings industry is expected to grow during the forecast period.

Brazil Prefabricated Buildings Market Trends

Opportunities in Residential & Infrastructure Sectors to Boost the Prefabricated market

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Bearing in mind the low/medium income brackets that buy properties via government incentive programs for home ownership, such as Casa Verde Amarela (CVA) and Sistema Brasileiro de Poupanca e Empréstimo (SBPE), the housing deficit in Brazil remains very large - reaching 6 million units in 2021.

The total housing stock in the country was only 204,000 units, and sales until that period totaled 188,000 units. It was an increase of 23% per year, despite the high levels of unemployment, which is around 12% nowadays, but in a downward trend, impacting the household budgets. The city's extreme housing deficiency especially influences helpless occupants. As recent information indicates, at least 13,706 of its poorest family units (those earning less than times a monthly wage of USD 250) live in ghettos or vagrant settlements. Another 53,214 share lodging with different families and 22,297 family units live in overcrowded conditions.

Another important urban infrastructure area is the construction of schools. Schools require diverse and complex programs and flows. Therefore, developing an educational project is one of the greatest challenges for architects. Due to the economy, rationalization, and work speed, Brazil's largest portion of school projects are designed from prefabricated concrete elements with rigid modulations and, in rare cases, steel. Brazil's most recent school building constructions are prefabricated, FDE - Golden Park School V / Apiacas Arquitetos, FDE Public School / FGMF, and Campinas School / bvy Arquitectos, to name a few.

Not to mention the potential demand in the infrastructure sector, with several promises of construction developments in sanitation, irrigation, and infrastructure auctions coming to fruition. It will positively impact the results of the prefabricated industry in the construction sector.

Precast Concrete Market Hold Major Share in the Prefab Buildings Market

According to an industry association, cement consumption will likely decline in the second half of 2023 due to a worsening general economic outlook. However, order books for the construction industry were 'strong' for at least the first six months of 2023, which would cushion the sector.

Precast concrete is one of the main contributing factors to the increase in the production and sales of cement. As the prefab market and modular construction activity increase, the need for cement also rises as there will be an immediate requirement.

The downturn is expected to be short-lived as interest rates ease slightly and stronger infrastructure volumes materialize next year and beyond. The main driver of the cement consumption recovery was the real estate sector, especially the residential one, according to SNIC. The number of units financed for construction grew by 38% until November. Similarly, a 17% increase in residential launches accumulated up to September, emphasizing properties aimed at the middle and upper classes.

Brazil Prefabricated Buildings Industry Overview

The report covers the major players operating in the Brazil Prefabricated Buildings Industry. The market is fragmented and moderately competitive without dominant players. The Brazilian startup, SysHaus, in partnership with architect Arthur Casas, developed a project of sustainable smart homes that are ready in half the time of other prefab works.

The market is expected to grow during the forecast period due to the increase in prefab construction building startups, upcoming major projects in the country, and other factors driving the market. Prefabricated building systems and construction hold a high potential to improve the efficiency and performance of the Brazilian construction industry in a more sustainable sense. Construtech Ambar wants to take the hassle out of the millions of consumers across the country who are building or renovating their homes with an all-in-one automation platform.

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Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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