

30 Years of Innovation

SteelBio is a pioneering construction company specializing in building fast, sustainable, and high-quality homes. Our mission is to enhance living experiences while delivering long-term value, low-maintenance solutions, and exceptional energy efficiency.

With proven expertise in dry construction systems and advanced building techniques, SteelBio manages all phases of the construction process with precision and care.

Backed by 30 years of experience in the European market, we are now bringing our know-how and innovative technology to Indonesia.

Ready to Experience the Future of Construction?
Let's work together to create a space that is superior in quality, faster to build, cost-effective, and sustainable.



Whatsapp us
+62 813-3955-7717



Visit us
www.steelbio.id

we build.

A modern take on sustainable construction

At SteelBio, we are revolutionizing
the construction industry with
our innovative Lightweight Steel
Frame (LSF) technology



Features and Benefits of Innovative Light Steel Frame Technology

The SteelBio System is an excellent choice for medium and large-scale real estate projects, delivering economic efficiency, speed, precision, safety, and environmental sustainability—all while offering complete creative freedom.



Superior quality and Durability

Our buildings blend precision engineering, premium materials, and advanced manufacturing techniques to ensure exceptional quality and lasting durability. Galvanized steel resists rust, providing structures that retain their value and performance for decades.



Environment Sustainability

We build sustainably using recyclable materials, minimizing waste, and incorporating energy-efficient designs. Features like superior insulation, airtight construction, and smart systems reduce energy consumption, while streamlined processes cut fuel and material waste—protecting the planet and saving costs.



Fast construction Cost Effective

Lightness and exceptional precision of the components minimize delays, costs, and waste. Transport and assembly are quick and efficient. The entire construction process ensures long-term savings and a faster return on investment.

Efficiency translates to savings - for you and the environment

Decommissioning

Project components, including beams, pillars, and the entire steel structure, can be disassembled and reassembled at a different location without requiring modifications or generating waste.

Mold-Free Living

LSF structures are designed to prevent mold growth by creating an inhospitable environment. Advanced ventilation systems ensure optimal air circulation, while moisture-resistant materials effectively prevent water accumulation.

Cleaner Worksite

The layered dry construction system with LSF structures allows for quick and precise on-site assembly. Fewer lifting equipment are required, resulting in a cleaner and safer worksite.

Earthquake Resistance

The flexible steel frame absorbs and dissipates seismic energy, while the lightweight structure reduces the overall seismic load. Engineered connections are designed to maintain structural integrity during earthquakes.

Fire Resistance

Fire-resistant materials are used throughout the structure, with innovative designs that slow the spread of fire and improve escape time in case of emergencies.

Energy Efficiency

High-performance insulation reduces the need for heating and cooling, while airtight construction minimizes energy loss. Smart home systems optimize energy management for maximum efficiency.

Applications

Ideal for projects such as tourism, luxury villas, residential, and commercial buildings, LSF offers flexibility, high load-bearing capacity, and modular designs—making it ideal for modern, eco-friendly structures.

Tourism Projects

LSF technology is ideal for tourism projects, enabling rapid and sustainable construction. With prefabrication and easy on-site assembly, LSF offers flexibility and eco-friendly solutions for resorts and eco-lodges.

Residential Houses

LSF is a smart solution for residential houses, offering fast, affordable construction with customizable designs. Energy-efficient and recyclable, LSF homes are sustainable and cost-effective for homeowners.

Luxury Villas

LSF is perfect for luxury villas, providing the strength and design freedom to create spacious, modern homes. Its fast assembly, cost-efficiency, and sustainability make it a top choice for high-end properties.

Commercial Structures

LSF provides flexibility and scalability for commercial buildings. Its modular nature and rapid assembly reduce costs and construction time, making it ideal for offices, retail spaces, and industrial facilities.

Building Process

Projects are completed in a fraction of the time compared to traditional methods, resulting in faster returns on investment and a reduced environmental impact.

1 Architectural and Engineering Project

Bring your architectural vision to life by working with our in-house architects or selecting from our range of prefab and modular house models. We will provide a detailed project estimate, and our engineers will create the structural design for factory preparation.

2 Factory Preparation of Structural Elements

In our off-site factory, we produce the elements that will form the building. The construction phase is completed quickly and with the highest precision, thanks to the use of advanced, high-quality machinery.

3 Transport and Assembly On-Site

We transport all prefabricated elements to the site for efficient assembly. A small team of specialized workers, using light machinery, ensures quick installation while keeping the site clean and safe.

4 Installation of Systems and External/Internal Coverings

After the structure is complete, we proceed with the installation of systems and external/internal coverings. The selection of high-quality, customized materials ensures the desired standards for each client.