

Lightweight Concrete Wall Panel

Lightweight concrete wall panels are prefabricated components for constructing walls. They provide thermal insulation and fire resistance, and are easy to install.



Product Overview

Versatile Lightweight Wall Construction

These prefabricated lightweight concrete wall panels are designed for efficient assembly in residential, commercial, and industrial building projects. Crafted from a blend of cement, aggregates, and lightweight materials like EPS or perlite, they provide an excellent balance of durability and handling ease. They offer superior thermal insulation and fire resistance compared to traditional concrete methods, making them ideal for modern modular construction.

Technical Specifications

Key Performance Attributes

- High thermal insulation efficiency
- Enhanced fire resistance
- Simplified on-site installation
- Customizable design potential

Composition

Cement, Aggregates, Expanded Polystyrene (EPS), Perlite

Installation Method

Panels are joined using specialized mortar or adhesives to ensure a solid and durable structure.

Application Suitability

Suitable Sectors

Residential • Commercial • Industrial • Modular Construction