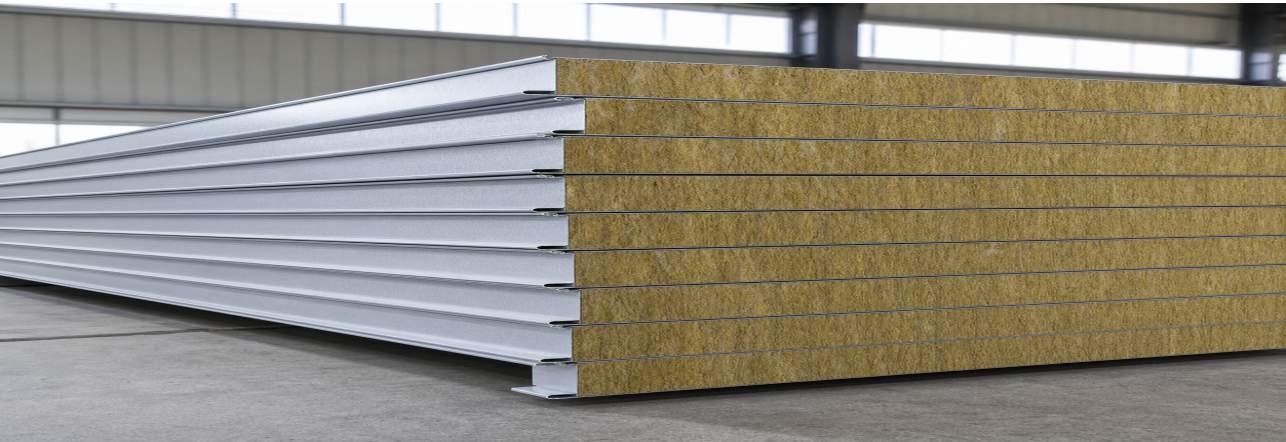


Rock Wool Sandwich Panel Data Sheet

Mineral wool insulated panel reference for industrial buildings requiring higher fire-safety expectations.



Product Overview

Rock wool sandwich panels use mineral wool core material and metal facings. They are suitable for workshops, warehouses, logistics buildings and exterior wall systems where fire performance and sound absorption are important selection factors.

Typical Technical Parameters

Item	Reference Value / Range
Core material	Rock wool / mineral wool core
Density range reference	60-80 kg/m3
Color steel thickness	0.3-0.8 mm
Wall panel core thickness	50-200 mm
Roof panel core thickness	50-200 mm
Effective width	Wall: 950 / 1150 mm; Roof: 950 mm
Optional system	Polyurethane edge-sealing rock wool panels: 50-200 mm core, 1000 mm effective width
Panel length	Customizable according to order and transport limitations

Selection Notes

Selection Item	Buyer Review Point
Fire performance	Confirm fire rating document by selected product model.
Moisture and joint details	Confirm sealing, flashing and installation details for the project climate.

Typical Applications

Application	Project Reference
Industrial workshops	External walls and roofs with fire-safety expectations
Logistics warehouses	Large-span building envelope systems
Public and utility buildings	Wall and roof systems requiring mineral wool options

Quotation Checklist

Item	Information to Provide
Panel type and core material	Confirm PU, PIR, rock wool, EPS or clean/cold room system.
Thickness and steel skin	Confirm core thickness, inner/outer steel sheet thickness, coating and color.
Quantity and dimensions	Provide panel length, effective width requirement, project quantity and drawings if available.
Application and country	Provide building use, project country, fire/insulation expectations and destination port.
Accessories and packing	Confirm flashings, fasteners, packing method and loading reference.

Reference Notes

Values are compiled from LIAOHE catalogue references and common product ranges. They are for preliminary buyer review, not a substitute for final order drawings or engineering confirmation.

Fire rating, thermal value, loading span and certification applicability must be confirmed according to product model, thickness, facing material and destination market requirement.

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