

Mechanized Rock Wool Cleanroom Panel



Introduction:

Using medium and high density rock wool as core material, galvanized or color coated board as layer (two layers) and high strength adhesive, through high-speed continuous automatic forming machine heating, pressure composite, through cutting, trimming and a new generation of building decoration board, with thermal insulation, convenient installation features. It is a new fireproof material of the same kind (sandwich panel series) with strong fire resistance.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Hydrophobic rock wool
Unit Weight	100-150kg/m ³
Thickness	50mm, 75mm, 100mm, 120mm
Width	950mm/1150mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Tongue-and-groove

Mechanized Silicon Rock Cleanroom Panel



Introduction:

It is a new generation building that uses silica as the core material, galvanized or color-coated boards as the surface layer (two layers) and high-strength adhesive. It is heated, pressurized, compounded, cut and trimmed by a high-speed continuous automated molding machine. Decorative panels have the characteristics of thermal insulation and easy installation. It is suitable for thermal insulation and sound insulation in drying rooms, paint rooms/industrial equipment, buildings, ships, etc. It is also suitable for electronic clean workshops, purification workshops, clean workshop ceilings, partitions, etc.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Silicon Rock
Unit Weight	80-150kg/m ³
Thickness	50mm, 75mm, 100mm, 120mm
Width	950mm/1150mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Tongue-and-groove

Mechanized Magnesium Oxysulfide Cleanroom Panel



Introduction:

Using magnesium oxysulfide as core material, galvanized or color-coated board as panel:

- * Good fire resistance: mainly inorganic materials, which are Class A non-combustible materials and can meet the high fire resistance requirements of exterior wall insulation and fire isolation belts;
- * Good thermal insulation effect: its thermal conductivity is 0.038w/m2k;
- * Compressive strength: The density is 220kg/m³. The compressive strength of this product can reach more than 0.3MPa, which meets the high requirements for strength in transportation and engineering applications;
- * Energy saving and environmental protection: no irritation or harmful gas release;
- * Good corrosion resistance: The product has a service life of more than 50 years and can keep pace with the life of the building.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Magnesium Oxysulfide
Unit Weight	900-1500kg/m ³
Thickness	50mm, 75mm, 100mm, 120mm
Width	950mm/1150mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Tongue-and-groove

Mechanized PU Cleanroom Panel



Introduction:

Using polyurethane as the core material, its unique closed porosity and high resistance to gas diffusion make it have excellent long-term insulation properties, and its thermal insulation performance can last 20-50 years or more. Excellent corrosion resistant polyurethane and the surface material used, it has excellent corrosion resistance and moisture resistance, chemical structure diversification, viscosity easy to adjust, excellent processing technology easy to put into industrial production, easy to use and fast curing advantages, very suitable for the production of large complex components, and easy to assemble later. The rigid polyurethane core material is used as the sandwich structure material, so that the whole structure has the advantages of light weight and strong bearing capacity. Compared with other materials, the polyurethane sandwich plate has better insulation performance.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	PU
Unit Weight	40-60kg/m ³
Thickness	50mm, 75mm, 100mm, 120mm
Width	950mm/1150mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Tongue-and-groove

Mechanized Magnesium Oxysulfide Cleanroom Panel



Introduction:

It uses high-quality color-coated steel plate as the surface layer, sandwiched with rock wool, and adopts hand-made craftsmanship. It is surrounded by aluminum alloy keel or galvanized plate keel frame. It has good fire protection performance, high sound and heat insulation, beautiful product surface, sound insulation, heat insulation, thermal insulation, earthquake resistance and fire resistance in line with national standards. Construction and installation are convenient and fast, and the comprehensive benefits are very significant. Mainly used in electronic industrial plants, pharmaceutical purification plants, chemical train prevention workshops and other places.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Hydrophobic rock wool
Unit Weight	100-150kg/m ³
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type

Handmade Single/Double-side Glass Magnesite Wool Cleanroom Panel



Introduction:

Using high-quality color coated steel plate as the surface layer, galvanized steel strip as the edge sealing parts and reinforcing bars, fireproof moisture-proof glass magnesite wool as the core layer, rock wool as the inner core layer, through pressure, heating and other processes made of good sealing performance, high fire rating. Compressive, strong bearing capacity, can be used as a maintenance structure, but also as a bearing structure, bearing capacity of 1KN/m². Modular design, flexible and convenient installation.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	5mm Single/Double-side Glass Magnesite Wool + Hydrophobic rock wool
Unit Weight	100-150kg/m ³
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type

Handmade Aluminum Honeycomb Cleanroom Panel



Introduction:

It is made of high-quality color-coated steel plate as the surface layer, aluminum honeycomb as the core layer, and is manufactured through processes such as pressing, heating, and trimming. Compared with other sandwich panels, it has the characteristics of light weight, good flatness, beautiful appearance, good sound and heat insulation, good fire resistance, and easy installation. Because its core material adopts a unique hexagonal structure, it has high compressive strength, good tension and light weight, and is a green and environmentally friendly building material.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	5mm Single/Double-side Glass Magnesite Wool + Aluminum Honeycomb
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type

Handmade Magnesium Oxysulfide Cleanroom Panel



Introduction:

Magnesium oxysulfide purification plate adopts high-quality color coated steel plate as the surface layer: galvanized steel strip as the edge sealing parts and reinforcement; The fireproof and waterproof magnesium oxysulfide is used as the core material, which is one of the high grade fireproof building decorative panels at present.

Magnesium oxysulfide is a new type of raw material, fire grade up to A1, belongs to the non-combustible level, will not produce toxic smoke and other harmful gases in case of fire, belong to environmental protection products. The core material is an agricultural production system assembled into a honeycomb mechanism, effectively waterproof and moisture-proof, soaking in water for 8 hours without deformation.

From the board effect, the board surface is more flat installation effect is better, the overall strength, high bending resistance, strong bearing capacity can be used as an enclosure structure, but also as a bearing structure. Mainly used in purification workshop, laboratory assembly, high-rise building partition use.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Magnesium Oxysulfide
Unit Weight	900-1500kg/m³
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type

Handmade Silicon Rock Cleanroom Panel



Introduction:

Magnesium oxysulfide purification plate adopts high-quality color coated steel plate as the surface layer; galvanized steel strip as the edge sealing parts and reinforcement; The fireproof and waterproof magnesium oxysulfide is used as the core material, which is one of the high grade fireproof building decorative panels at present.

Magnesium oxysulfide is a new type of raw material, fire grade up to A1, belongs to the non-combustible level, will not produce toxic smoke and other harmful gases in case of fire, belong to environmental protection products. The core material is an agricultural production system assembled into a honeycomb mechanism, effectively waterproof and moisture-proof, soaking in water for 8 hours without deformation.

From the board effect, the board surface is more flat installation effect is better, the overall strength, high bending resistance, strong bearing capacity can be used as an enclosure structure, but also as a bearing structure. Mainly used in purification workshop, laboratory assembly, high-rise building partition use.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	Silicon Rock
Unit Weight	80-150kg/m ³
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type

Handmade PU Cleanroom Panel



Introduction:

Rigid foam polyurethane, it is internationally recognized as a good performance insulation material, the performance indicators are better than the traditional XPS, EPS, not only good heat insulation, strong adhesion, and easy to continuous production, molding, fire effect is good.

Technical Parameters:

Surface Layer	Upper/lower steel plate thickness 0.426-0.8mm color-coated steel plate
Core Material	PU
Unit Weight	40-60kg/m ³
Thickness	50mm, 75mm, 100mm
Width	980mm/1180mm, non-standard recommended not less than 100mm
Length	Can be customized as required, recommended ≤ 6000mm
Panel Type	Chinese aluminum type, male and female mouth type