

Aluminium Composite Panel Cladding

About Metal Carved Board Wall Cladding

Metal carving board is a high-quality color embossed metal plate treated with a special layer, the middle layer is a rigid high-density polyurethane foam insulation layer that has been treated with flame retardant, and the bottom surface is used for heat insulation and moisture resistance. Aluminum foil protection. Because the wallboard itself has the characteristics of thermal insulation, waterproof and flame retardant, light shock resistance, convenient construction, sound insulation and noise reduction, green environmental protection, beautiful and durable, and because the board assembly method is simple and applicable, it is not limited by the seasonal environment. It is very safe and convenient to install and use, and it is suitable for all seasons. This innovative exterior wall insulation and decoration board highlights its absolute advantages.

There are more than 100 combinations of embossed patterns and colors. The luxurious and beautiful decorative effect makes the building highlight the taste and grade. The simple and flexible disassembly method makes it easy to replace the wall design and match. The board is not only suitable for the thermal insulation decoration of the exterior walls of newly built brick-concrete layouts, frame structures, steel structures, lightweight houses, etc. but also for the decoration and energy-saving renovation of existing buildings, as well as indoor and outdoor decoration.

Aluminium Composite Panel Cladding Product Specification

Thickness	16mm/20mm
Width	383cm
Length	1-6000mm
Material	Metal+PU Foam+Aluminum Foil
Exodermis	Galvalume steel plate
Steel coating	HDP,>30um
Core material	Polyurethane,40kg/m ³
Closed cell rate	>95%
Bottom material	Aluminum foil glass fiber
The thickness of the bottom material	0.27mm
Certificate	ISO9001
Fire resistance level	B1/NONE
Size Tolerance	-/+2mm
Package	10 pieces/cartons or 8 pieces/cartons
Package Size	(0-6000mm)*41mm*170mm(10 pieces/carton)
Container load	20GP: 1500sqm (panel length: 2.8m) 40HC/HQ: 3500 sqm (panel length: 3.8 m). 40NOR:3300 sqm (panel length:3.8m).
After-sale Service	Online training and online technical support
Port	QINGDAONingboTianjin
Payment	L/C Western Union T/T MoneyGram

PRODUCT STRUCTURE



■ Surface Material

Galvalume
Internal and external galvanizing
Cold bending forming of
color steel plate

38.3cm



■ Middle layer material

Polyurethane foam
Insulation partition layer

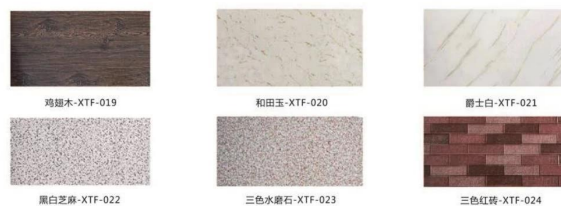
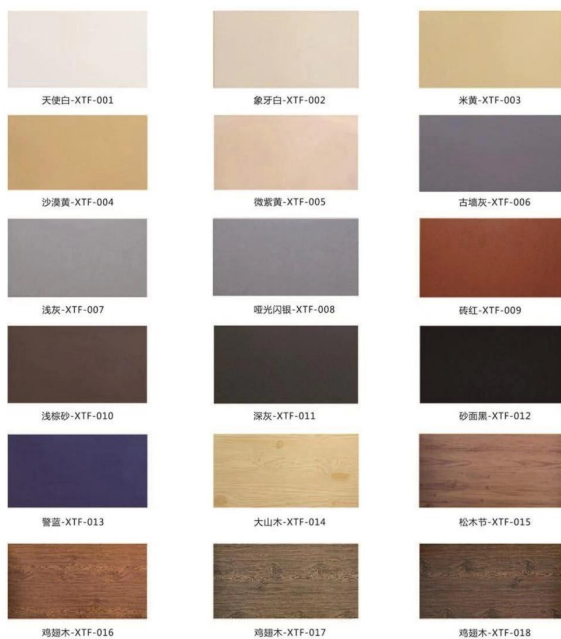


■ Bottom material

Moisture and heat insulation
Aluminum foil protective layer

Product Texture And Colors

Flat series 平面纹



QZ series 七砖纹



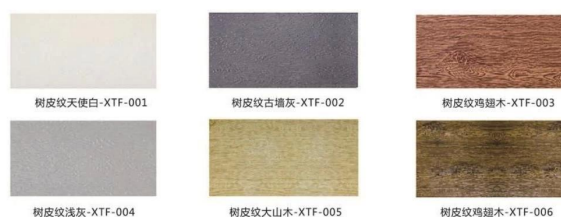
TT series 弹涂纹



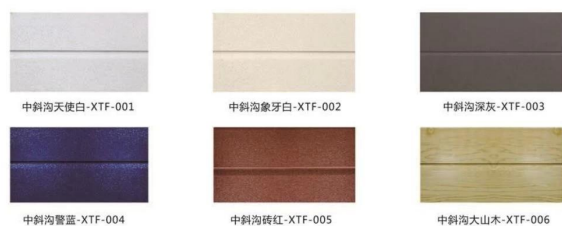
ZZG series 中直沟



SP series 树皮纹



ZXG series 中斜沟



SS series 砖纹双色系列



WHS series 文化石系列



XWL series 小瓦楞纹



MW series 木纹系列



Installation Accessories & Application

Aluminum alloy accessories 铝合金配件

	材质: 铝合金 用途: 起步件、窗门口内侧收口件	Texture: Aluminum alloy Function: starting part, binding-off part of inside part of the window, internal-angle part
	材质: 铝合金 用途: 上部收口	Texture: Aluminum alloy Function: binding-off part of top part
	材质: 铝合金 用途: 门窗包边	Texture: Aluminum alloy Function: base of binding-off part
	材质: 铝合金 用途: 内置起步件	Texture: Aluminum alloy Function: inside starting part
	材质: 铝合金 用途: 板材横向连接	Texture: Aluminum alloy Function: base of board connecting part
	材质: 铝合金 用途: 大阳角、大阳角扣盖	Texture: Aluminum alloy Function: Connecting part
	材质: 铝合金 用途: 阴角底座、阳角扣盖	Texture: Aluminum alloy Function: exterior corner cap or interior corner base
	材质: 铝合金 用途: 阴角扣盖、阳角底座	Texture: Aluminum alloy Function: exterior corner base or interior corner cap
	材质: 同材质+镀锌轻钢 用途: 同质阳角件	Texture: homogeneity +Galvanized light steel Function: homogeneous positive corner parts
	材质: 同材质+镀锌轻钢 用途: 同质阴角件	Texture: homogeneity +Galvanized light steel Function: internal corner fittings
	材质: 同材质+镀锌轻钢 用途: 同质中缝条	Texture: homogeneity +Galvanized light steel Function: base of board connecting part

Application cases 应用案例



Application cases 应用案例



Application cases 应用案例



Advantage



COST SAVING & DURABILITY

The rock wool sandwich panel insulation stone wool is made from rock, making it naturally durable and stable over the lifetime of a building. As the unique physical structure, rock wool panel is not affected by changes in temperature or humidity. This means the owner can create a pleasant and stable temperature year after year, while saving energy and money for cooling/heating.



FIRE SAFETY

Have you ever seen rock burn? Neither have we. Rock Wool Panel Products are rated Non-combustible. Basalt stone wool adopted to Sandwich Panels is fire-protecting insulation material, it's fibers' resistance to high temperatures, will limit the buildings to fire or spread. Using Rock wool sandwich panel will improve the building's fireproof performance, protect life

and property safety.



SOUND INSULATION

Sound is tough to get through rock. Rock wool sandwiched panels are the most effective acoustic insulation used in construction. Installing Rock wool panel provides a real reduction in external noise, our rock wool panels allow builders to design the right acoustic environment for each space, whether it's a workshop, concert hall, air clean room, or residential house.



FAST CONSTRUCTION

Rock wool sandwich panels and accessories are produced in full accordance with the building layout drawing, it is fast and flexible to install on the construction site. The construction period can be shortened by more than 40%. Therefore, rock wool sandwich panel is ideal for fast constructed prefabricated buildings, such as industrial warehouse, container house, prefab buildings.



LONG LIFE TIME

Rock wool sandwich panel is produced by the automatic production machine at a constant temperature, all the raw materials and process are in strict accordance with the international quality management system. which means the quality of the product is stable, can guarantee the life time of 25 years.