

氧化镁板

Magnesium Oxide board

Iron Crown MgO Fireproofing Board is made of magnesium oxide, magnesium chloride, high quality plant fiber with backbone of inside fiber glass cloth to insure the toughness and lightweight of the board. It is manufactured by auto Computer Numerical Control production line with strict procedure.



Product Technical Specifications

Thickness	3-20mm	Water Absorption	≤ 10%
Dimensions	1200mm*2400mm; 1200mm*1200mm 600mm*2400mm; 600mm*1200mm	Soaking Linear Expansion	0.04 ~ 0.11%
Color	White/Gray/Red/Green/Blue, etc	Non combustible performance	According to GB8624-1997, Combustibility is A1 Class.
Density	0.95g-1.50g/cm ³	Fire rating limited	>4Hours
Bending strength	27 MPa	Thermal Coefficient	0.0988W/(m ² .k)
Impact Strength	≥4.9KJ/M ²		



Fireproofing
Fire resistance rating: Grade A; flame retardant building materials; incomparable best choice fireproofing building material



Toxin Free & Harmless
100% free of harmful and carcinogenic substance, such as asbestos, formaldehyde and benzene. No poisons smoke in case of fire, creating a green & healthy living space



Sound Insulation
Superior sound insulation performance, which ensures peaceful & graceful living environment



Ageing Resistant
Light, ageing resistant, anti-corrosion, long service life



Moisture Resistant
Water & moisture resistant free from impact of condensed bead or moist air



Mothproof
Protection against mould, bacterium, insects and termites



Fast Construction
Can be nailed, sawed and drilled, fast & convenient construction, improve working efficiency



Impact Resistant
High strength, good stability and good flexibility



Heat Insulation
Super strong heat insulation performance, which saves cold and hot energy

There are 3 series of different processed MgO board

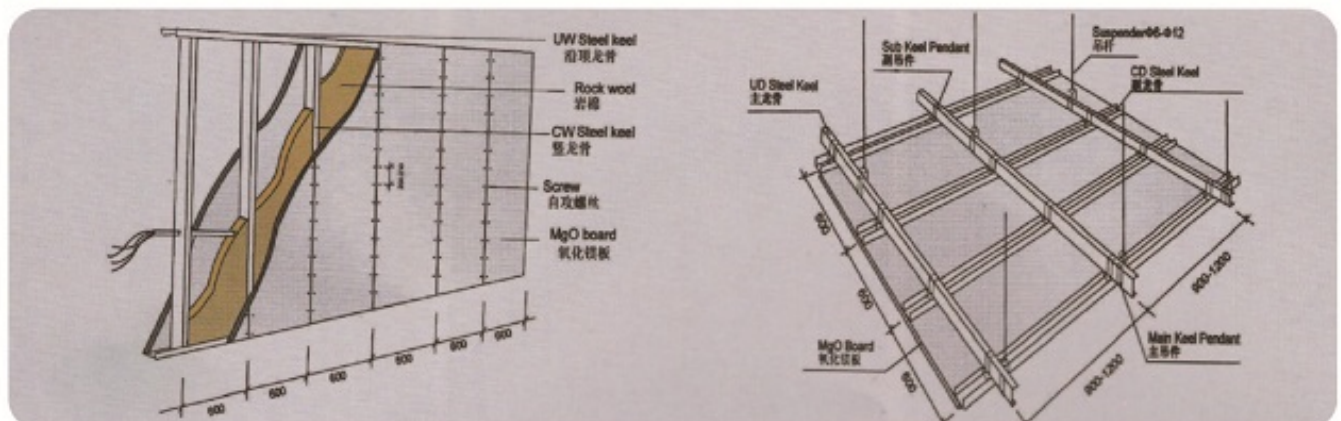


Performance Explanation of MgO Fireproofing Board

1. Fireproofing Rate: Grade A1;
won't produce any poisonous gas in case of fire.
2. Environmental friendly: 100% non-asbestos,
3. 100% No-Formaldehyde, no Benzene
4. no toxic and without any harmful material.
5. High Strength, Excellent impact resistant
6. Excellent sound insulation: Due to its high density and elasticity;
7. Moisture Proof: Ideal for residential, garage, washrooms, wet pool area and laundry rooms;
8. Easier to work with using all types of hand tools and wood working equipment but also can be cut with a quick score and snap faster than drywall;
9. Compared with drywall, more smoother, more flexible, more rigid;
10. Against termites, bacterium, insects etc;



Installation Guide



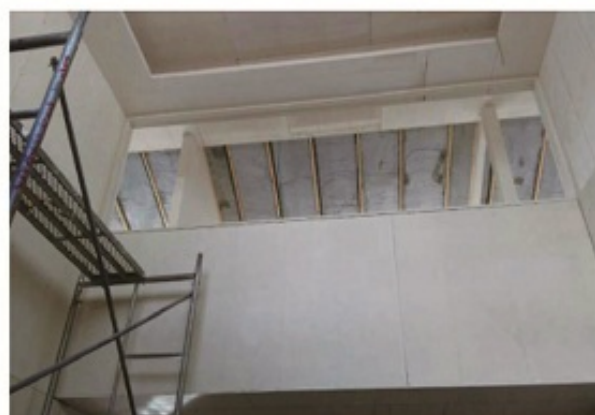
Application

For all types of residential, commercial, industrial buildings;

Partition wall; furniture wall, flooring panel, steel structure wall panel, wooden structure wall panel;

Project of MgO Fireproofing Board;

MgO board as structure wall panel





MgO board for Exterior wall



Reinforced MgO board as floor panel



Equipment and Production line



Package and Loading



Package :
Fumigation wooden pallets