



Products---Magnesium Oxide Board



Ceiling & Partition



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100% Asbestos Free and Environmentally Friendly.

MGO is a versatile, high performance, sustainable and eco-friendly building product. It is GREEN in its raw form,natural mineral magnesium oxide powder reacts with magnesium chloride,reinforced by fibreglass mesh and filled with recycled soft timber particles. The production process is carried out at room temperature,making this a low carbon process .No heat or pressure is used in its manufacture.

MGO is homogeneous with no delamination.It is virtually impervious to fire, water,insects,termite,mould and mildew;is non- flammable,non-toxic,completely free from asbestos and carcinogenic materials such as crystalline silica or quartz,usually contained in fibre cement boards and calcium silicate boards.It is so dimensionally stable that expansion and contraction is negligible.It will not delaminate or deteriorate after prolonged exposure to moisture.Or even immersed in water or exposed to freeze/thaw cycles for prolonged periods of time.

Compared to traditional wood,gypsum and cement based products,it is ideal for high tech engineering applications,general purpose construction, especially for high humid area like bathrooms or shower enclosure,and off-site manufacture of wall,ceiling and floor panels.

Specification

Edge	Taper	Beveled	Square
Standard size(mm)	1220*2440/1200*2400		
Max.width(mm)	1220		
Max.length(mm)	3050		
Thickness(mm)	4~25		
Remarks	Different dimension can be made as required.		

Technical data

Item	Unit	Test Value
Raw Material	/	Magnesium Oxide, Magnesium Chloride, Perlite, fiber Glass Mesh, wood Fibers
Density	g/cm ³	0.85-1.00g/cm ³
Color	/	White
Water Content	/	≤20
Water Absorption	/	≤40
Asbestos Content Fire Resistance	/	100% Asbestos free
		Incombustibility A1 Class
Thermal Conductivity	W/m.k	Average ≤0.20
Halogenide Resistance	/	No Water Drop, No Damp
Chlorine Ion Content	/	≤10%
Radioactivity	/	JC688-2006
Certificate	/	CCIC
Packing	/	wooden Pallet/In Bulk

Package & Transportation

20GP conventional installation method: six export bracket, six pallet, four Pinto, two vertical prop. Features four export bracket can be used forklift trucks crossed, easy loading and unloading of containers and site handling.

Weight limit: 20-foot container of goods generally can not exceed the weight of about 23 tons.

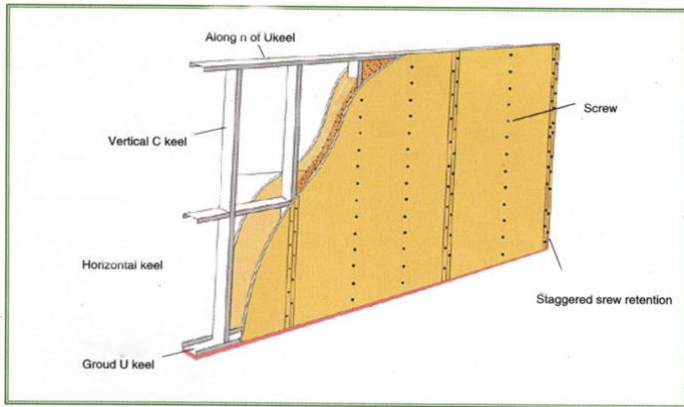


Application

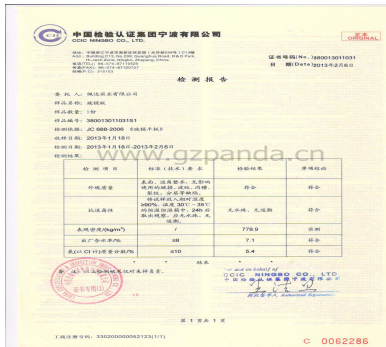
Fire protection, environmental protection and durability requirements of high wall systems, ceiling systems, decorative molding, sandwich construction, sound systems, thermal insulation systems, fire separation zone and baseboards, etc. Especially for the five-star hotel, senior clubs, theaters, airports, hospitals, schools, clubs, KTV, stadiums and office buildings.



Installation



Certificate



Production Line

