



Product introduction

Residential partition insulation use contain concrete base floor and ceiling application. Normally, it is widely used for the residential high building or office buildings to improve the living and working environment, with the performance of sound absorption, heat prevention, fire safety etc, to create comfortable life.

Product performance

- Good insulation effect and fireproof performance
- Non-flammable, A1 grade. Fire rate is not affected and limited from the height of building.
- Better permeability, "berathing" the system.
- Higher compressive and tensile strength, make sure the using safety.
- Sound absorption, noise reduction
- Excellent hydrophobic performance, stable fiber structure, easy to cut and install
- Asbestos free, non-toxic



Concrete base floor insulation

Huali floor rock wool board are filled between the wooden keel laid on floors or are laid on the floor base, and then laying floor or ground decoration materials, which can significantly improve the effects of sound insulation and heat preservation between the two floors, and then create quiet, comfortable environment for our life.



Type	Density	Thickness	Size
HLY FCSL100F	100 kg/m ³	50-150mm	1200*600mm
HLY FCSL120F	120 kg/m ³	35-150mm	1200*600mm
HLY FCSL140F	140 kg/m ³	40-130mm	1200*600mm
HLY FCSL160F	160 kg/m ³	40-110mm	1200*600mm
Finish	Aluminum foil,glass fiber cloth etc		
Remark	Other size , please contact me		

Concrete base ceiling insulation

Ceiling rock wool board is filled between ceiling panel and ceiling base. Which can significantly improve the effects of sound insulation and fire prevention between floors.



Type	Density	Thickness	Size
HLY FCSL40C	40 kg/m ³	50-150mm	1200*600mm
HLY FCSL60C	60 kg/m ³	50-150mm	1200*600mm
HLY FCSL80C	80 kg/m ³	50-150mm	1200*600mm
HLY FCSL100C	100 kg/m ³	40-150mm	1200*600mm
Finish	Aluminum foil,glass fiber cloth etc		
Remark	Other size , please contact me		





Technical Data

Item Name	Specification	Unit
Factor of heat conduction (Temperature 25°C)	≤ 0.040	W/m.k
Combustion performance	non-inflammable,A0	-
Hydrophobic coefficient	≥ 98	%
Water absorption coefficient	≤ 0.2	%
Dimensional stability	≤ 1.0	%
Acidity coefficient	≥ 1.6	-
Melting temperature	> 1000	°C
Service temperature	≤ 650	°C
Average diameter of fiber	≤ 7.0	um

