

### ● PRODUCT INTRODUCTION

IW-GBS Glass wool board insulation is particularly used as core material in sandwich panel in the position of roof, wall, etc. It is made of different bulk densities and thicknesses, it can be widely used in residential, commercial, public buildings and industrial plants, etc.

### ● PRODUCT PERFORMANCE

- Non-combustible class A1, does not release toxic smoke
- High compression and tensile strength
- Good thermal insulation performance, and can maintain long-term stability
- Lightweight but low thermal conductivity
- Highly efficient sound absorption and noise reduction
- No corrosion to metal materials and various components in buildings

### ● PRODUCT SPECIFICATION

IW-GBS 48	IW-GBS 64	IW-GBS 76	IW-GBS 90	IW-GBS 100
Thickness 50-100mm, Length x width : 2400x1200mm or 2400x1000mm				
other specification , pls contact our sales				





### ● TECHNICAL DATA

Item Name	Test Method	Standard Value	Test Value	
Non-Fibrous (Shot) content (%)	ASTMC612-14 ASTM C1335-12	≤25	10.1%	
Thermal Conductivity W/(m·k)	ASTM C612-14 ASTMC518-17 ASTM C177-19	24°C	≤0.036	0.036
		93°C	≤0.043	0.041
		204°C	≤0.061	0.056
		260°C	≤0.076	0.068
		371°C	≤0.108	0.085
Compressive Resistance at 10% deformation	ASTM C612-14 ASTM C165-07(2017)	≥2.4	32kpa	
Semi-rigid or Rigid	ASTMC612-14	Semi-rigid or Rigid	Semi-rigid	
Flame Spread Index	ASTME84-18	≤ 25	0	
Smoke-developed Index	ASTME84-18	≤ 50	0	
Water Vapor Sorption by weight	ASTM C612-14 ASTMC1104/C1104M-19	≤5.0%	2.3%	
Corrosiveness to Steel	ASTMC665-17	≥21	46	
Combustibility	EN13501-1		Non-combustible	