IW-RBS

PRODUCT INTRODUCTION

IW-RBS 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
- Excellent air permeability, convenient construction
- Highly efficient sound absorption and noise reduction
- No corrosion to metal materials and various components in buildings

PRODUCT SPECIFICATION

IW-RBS 80	IW-RBS 90	IW-RBS 100	IW-RBS 110	IW-RBS 120	IW-RBS 130	IW-RBS 140	IW-RBS 150
Thickness 50-100mm, Length x width : 2400x1200mm or 2400x1000mm							
other specification , pls contact our sales							

INSULWOOL-ROCK MINERAL WOOL

IW-RBS

TECHNICAL DATA

Item Name		Test Method	Standard Value	Test Value
Non-Fibrous (Shot) content (%)		ASTMC612-14 ASTM C1335-12	≤25	13.1%
Thermal Conductivity W/ (m·k)	24°C	ASTM C612-14 ASTMC518-17 ASTM C177-19	≤0.035	0.034
	93°C		≤0.043	0.041
	204°C		≤0.061	0.053
	260°C		≤0.076	0.061
	371°C		≤0.108	0.082
Compressive Resistance at 10% deformation		ASTM C612-14 ASTM C165-07(2017)	≥2.4	21.0kPa
Semi-rigid or Rigid		ASTMC612-14	Semi-rigid or Rigid	Rigid
Flame Spread Index		ASTM C612-14 ASTME84-18	≤ 25	0
Smoke-developed Index		ASTM C612-14 ASTME84-18	≤ 50	0
Water Vapor Sorption by weight		ASTM C612-14 ASTMC1104/C1104M-19	≤5.0%	0.19%
Corrosiveness to Steel		ASTM C612-14 ASTMC665-17	≥21	36
Non-combustibility		EN13162:2012+A1:2015		Non-combustibility