

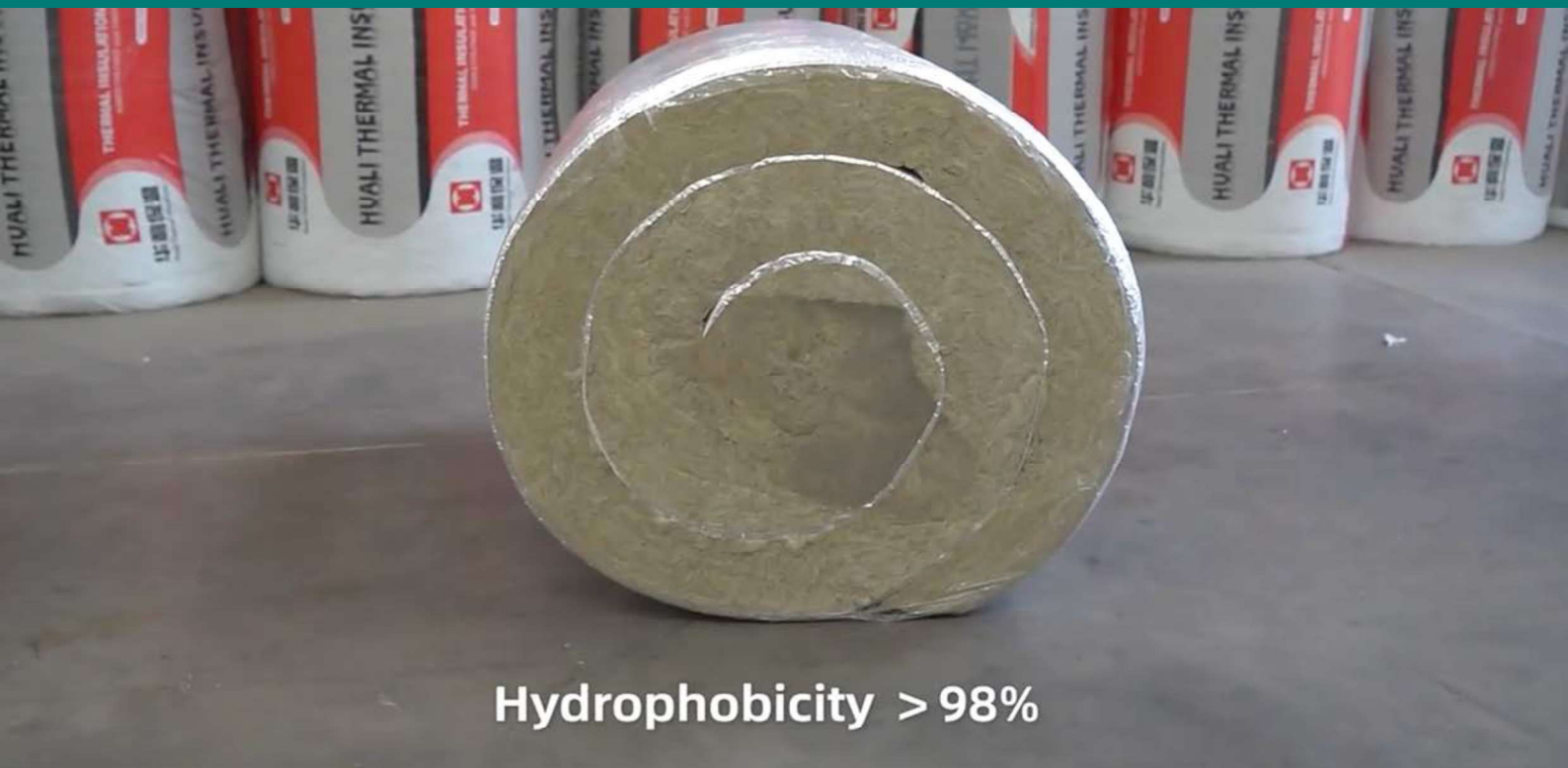
● PRODUCT INTRODUCTION

IW-B blanket is non-combustible and will not produce toxic smoke or promote flames spreading, It has excellent acoustical dampening properties. It is environment friendly and is used for the thermal insulation and acoustic application of the house building. IW-B should be fixed with galvanized steel wire or stainless steel wire, while used for piping or equipment

● PRODUCT SPECIFICATION

Thickness	IW-B 60	IW-B 80	IW-B 100	IW-B 120	IW-B 128	IW-B 150
25-50mm	3mX600mm	5mX600mm	5mX600mm	5mX600mm	3mX600mm	3mX600mm
50-100mm	3mX600mm	3mX600mm	3mX600mm	3mX600mm	3mX600mm	3mX600mm
Facing	Aluminum foil, black tissue etc or customized finish					
Optional width	1000mm or 1200mm					
Remark	Thickness above 100mm, recommend multi-layers					





Hydrophobicity > 98%

● TECHNICAL DATA (ASTM C553)

Item	Test Properties	Standard	Test Result
1	Density and Dimension	ASTM C 167	pass
2	Non-Fibrous (Shot) Content %	ASTM C 1335	15
3	Apparent Thermal Conductivity	ASTM C518	-4°C 0.030 W/(m·K) 24°C 0.034 W/(m·K) 38°C 0.036 W/(m·K) 93°C 0.042 W/(m·K) 149°C 0.050W/(m·K) 204°C 0.058W/(m·K) 260°C 0.070W/(m·K) 316°C 0.090W/(m·K) 371°C 0.102W/(m·K)
4	Maximum Use temperature and Exothermic Rise Temperature	ASTM C411 / ASTM C 447	650°C
5	Odor Emission	ASTM C 1304	No considered the odor was objectionable and strong.
6	Corrosion to Steel	ASTM C 665	36
7	Rigidity and Semi-rigidity	ASTM C 1101 / C 1101M	no visible rupture in surface
8	Water Vapor Sorption	ASTM C 1104 / ASTM C 1104M	0.01
9	Surface Burning Characteristic Test	ASTM E84	0
10	Non-combustibility	BS476-4 / EN13162:2012+A1:2015	non-combustibility