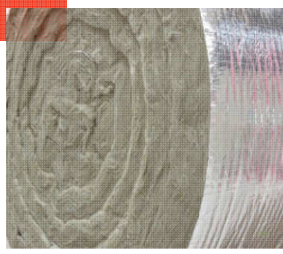
ALUMINUM FOIL ROCK WOOL BLANKET HLYBLALU



Product introduction

Huali rock wool is made from natural stone , melting at 1450 ℃, centrifugal injection to kind of mineral fiber, add some thermosetting adhesives and additives etc, with the performance of non-combustible, non-toxic, low thermal conductivity, hydrophobic, sound absorption, etc. Aluminum foil rock wool blanket HLY BLALU is mainly used for the waterproof or acoustic position in the field of house building, shipbuilding etc areas.

Packing & installation

Wire mesh rock wool blanket is packed in heat shrinkage PE film or woven bags. It can be cut into any length and tightly wrapped on the insulation equipment. The edges need to be joined together, leaving no gaps, and held together with steel wire. HLY WMBL can be fixed on the equipment with metal band/clip or wire.

Huali
Thermal Insulation

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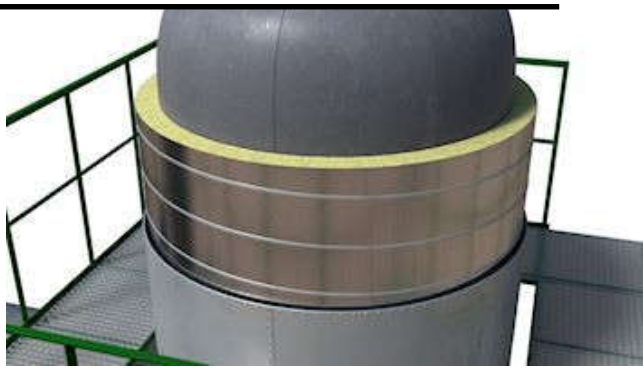
Product Performance

- Easy to cut and install
- Non-flammable, A0 grade
- Better compressive and tensile strength
- Sound absorption, noise reduction
- Stable fiber structure
- Asbestos free, non-toxic



Product specification

Thickness	HLY BLALU60	HLY BLALU80	HLY BLALU100	HLY BLALU128
30-50mm	3mx600mm	3mx600mm	5mx600mm	5mx600mm
50-100mm	3mx600mm	3mx600mm	3mx600mm	3mx600mm

Technical Data

Item name		Test Method	Standard Value	Test Value
Thermal conductivity W/(m·k)	24℃	ASTMC592-16 ASTM C177-19	≤0.036	0.034
	93℃		≤0.049	0.042
	204℃		≤0.076	0.058
	260℃		≤0.092	0.070
	371℃		≤0.124	0.102
PH		ASTM C795-08	＜12.5	8.4
Non-Fibrous (Shot) content		ASTMC592-16	≤25%	14%
ω(Cl-)%		ASTMC795-08 ASTMC871-11	When ω(SiO32-)+ ω(Na+)=0.15%, ω(Cl-)+ω(F-)<0.019%	0.0004
ω(F-)%				0.0045
ω(SiO32-)%				0.14
ω(Na+)%				0.0071
Maximum Flame Spread Index		ASTM E84-18	≤ 25	0
Maximum Smoke-developed Index		ASTM E84-18	≤ 50	0
Water Vapor Sorption by Weight		ASTMC592-16	≤5.0%	1.4%
Linear Shrinkage		ASTMC592-16	≤4.0%	2.28%
Resistance to Fungi		ASTM C592-16 ASTMC1338	Growth no greater than that a comparative item	No growth apparent under 40 Times magnification
Service Termperature		ASTMC592-16	No warping, flaming, glowing,Smoldering and smoking	650℃
Corrosiveness to Steel		ASTM C592-16 ASTM C665-17	＞21	35
Corrosiveness to Aluminum				27.5
Corrosiveness to Copper				24.5
Non-combustibility		ASTM E136-16a	The recorded temperature rise shall not exceed more than 30℃ with no flaming and weight loss exceeding 5%	non-combustibility

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