



Description

Huali stucco embossed aluminum surface is like orange pattern, made from the smooth finish aluminum jacketing.

Smooth (plain mill) finish

This finish sheds rain water the best. However, this smooth surface readily shows damage such as from hail or other physical abuse. It is also shows the dirt more than the other finishes due to its smoothness. Lastly, it is highly reflective of sunlight and when located near roadways, some specifiers see this reflection as a possible safety hazard.

Stucco embossed finish

The stucco-like surface texture hides small imperfections and scratches caused by physical damage during or after installation. This finish also reduces reflectivity while still looking very professional. Lastly, the use of stucco embossed finish provides a small increase to the rigidity and strength of the aluminum jacketing. (more information please check our data sheet of stucco embossed aluminum jacketing)



Why to emboss ?

- (1) embossed to increase its strength, ductility and lifetime.
- (2) better durability and effectively reduce rowing, rubbing, touching damage and waste.
- (3) will not cause strong light reflecting and can have a good vision effect.
- (4) protect the aluminum sheet from oxidization, damp proof and anti-corrosion.

Composition

Commercially pure aluminum is relatively soft and less suited for use in this application. Its strength can be greatly improved by alloying with small percentages of one or more other elements such as manganese, silicon, copper, zinc, and magnesium. Additional strength can be achieved by cold working. Huali Aluminum jacketing is typically manufactured using alloys 1060 or 3003 which have very similar composition and performance and are considered interchangeable for use as insulation jacketing, in compliance with standard ASTM B 209. For the other aluminum alloy No. please contact us directly.

Alloy	Si	Fe	Cu	Mn	Mg	Zn	Ti	Al	Else
1060	0.25	0.35	0.05	0.03	0.03	0.05	0.03	99.6	0.03
3003	0.6	0.7	0.05-0.2	1.0-1.5	-	0.10	-	remainder	0.15

Application

Aluminum jacketing is the premier protective outer surface for mechanical insulation systems including pipe, vessels, and equipment. It protects the insulation and underlying pipe/vessel from physical damage, UV exposure, corrosive atmospheres, and water.

Specification

Thickness		Width mm	Length	
Inch	mm		m/roll	ton/coil
0.012	0.3	914 / 1000 / 1219	30	1.5-2
0.016	0.4		30	1.5-2
0.02	0.5		30	1.5-2
0.024	0.6		30	2-2.5
0.028	0.7		25	2-2.5
0.032	0.8		25	2-2.5
0.04	1.0		20	2.5-3
0.047	1.2		20	2.5-3

Note: for other thickness or size, please contact us.

