



## Copper Composite Panel(Natural Surface)

Item Code: CO-HY-CCP-NAR-002



FOB Price: **\$69.31/sq.m**

Mini Order: 900 rolls

Average Rating: lb (kg)

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### Overview

#### Product specification list

Specification	Panel total thickness	Metal skin thickness (Red copper /Aluminum)	Width	Len
specifi-01	0.2" (4mm)	0.20/0.30mm	23.6" (600mm)	Standard:(32 Customization
specifi-02	0.2" (4mm)	0.30/0.50mm	23.6" (600mm)	
specifi-03	0.2" (4mm)	0.55/0.75mm	39.4" (1000mm)	



Description:

Around a corner, over a roof or under an arch, this creative new Copper Composite Panel fits richly and beautifully with any design. The unique multi-layer composition combines pure copper sheeting with a thermoplastic core, allowing the panels to take almost any shape imaginable and saving more copper than the simple copper panel meanwhile. The surface can be customized to special colors such as bronze to achieve elegant, luxuriant, and classical effect.

**Features:**

- . Natural brass surface.
- . Anti-corrosion.
- . Anti-bacterial.
- . Flat surface makes it easy to be processed.

Copper has rich natural color vitality:



**Application:**

Copper Composite Panel has been proven ideal for signage, advertising, engraving, etc. It also can be used for wall cladding, fascia bands, entryways, column covers, ceilings, and so on.



General Properties:					
Test Item	Unit	Performance indicators			
		3(4)*0.10 Cu/ 0.12 Al mm	3(4)*0.20 Cu/ 0.30 Al mm	3(4)*0.30 Cu/ 0.50Al mm	3(4)*0.55 Cu/ 0.75 Al mm
180°Peel-off Strength	N/mm	?4.0	?5.0	?7.0	?7.0
Unit Weight	kg/m2	4.0±0.5(4.9±0.5)	5.2±0.5(6.1±0.5)	6.2±0.5(7.1±0.5)	8.6±0.5(9.5±0.5)
Flexural Strength	Mpa	?40	?60	?100	?100
Flexural Modulus	10/m4 Mpa	?1.2	?1.5	?2.0	?2.0
Penetrating Resistance	kN	?3.0	?5.0	?9.0	?9.0
Shear Strength	MPa	?12.0	?16.0	?28.0	?28.0
Thermal Deformation Temperature	°C	?95	?95	?105	?105
Boiling-water Resistance		No Effect	No Effect	No Effect	No Effect
Weather Resistance		No Effect	No Effect	No Effect	No Effect
Same Rigidity as Copper Plate	mm	0.1" (1.5mm)	0.1" (2.2mm)	0.1" (2.6mm)	0.1" (2.8mm)
Fire Resistance	GB 8624CLASS B( ONLY FOR FR PANELS)				

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## Specifications

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