

Copper Composite Panel(Natural)

Item Code: CO-HY-CCP-NAR-001



FOB Price: **\$86.42/sq.m**

Mini Order: 900 rolls

Average Rating: 1b (kg)

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Overview

Product specification list

| Specification | Panel total thickness | Metal skin thickness (Red copper /Aluminum) | Width | Length |
|---------------|-----------------------|--|------------------|--|
| specifi-01 | 0.1"(3mm) | 0.10/0.12 | 830(imported Cu) | Standard:126.0 (3200mm) Customization available |
| specifi-02 | 0.2"(4mm) | 0.20/0.30 | 23.6"(600mm) | |
| specifi-03 | 0.2"(4mm) | 0.20/0.30 | 830(imported Cu) | |
| specifi-04 | 0.2"(4mm) | 0.30/0.50 | 23.6"(600mm) | |
| specifi-05 | 0.2"(4mm) | 0.30/0.50 | 830(imported Cu) | |
| specifi-06 | 0.2"(4mm) | 0.55/0.75 | 39.4"(1000mm) | |



Description:

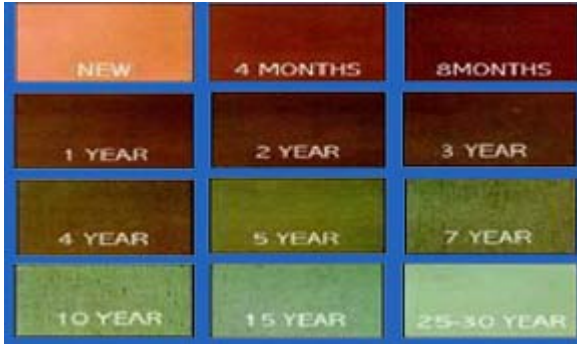
Around a corner, over a roof or under an arch, this creative new Copper Composite Panel fits richly and beautifully with any design. The unique multi-layer composition combines pure copper sheeting with a thermoplastic core, allowing the panels to take almost any shape imaginable and saving more copper 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:

- . Red copper natural surface.
- . Anti-corrosion.
- . Anti-bacterial.
- . Flat surface makes it easy to be processed.

Copper has rich natural color and 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/m ² | 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/m ⁴ 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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