



# Copper Disclaimers & Product Handling

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## Copper Product Handling:

Copper panels are a naturally soft metal and require careful handling to maintain their appearance. Due to their composition, they are prone to scratching and can easily show fingerprints during installation and handling. To minimize surface imperfections:

- Always wear clean gloves when handling copper panels to reduce fingerprints and smudges.
- Use soft, non-abrasive materials when cleaning or moving panels to prevent scratches.
- Avoid dragging or stacking panels without protective layers in between.
- Over time, copper will develop a natural patina, which may help conceal minor imperfections but is an inherent characteristic of the material.

By purchasing and using copper panels, the customer acknowledges these handling requirements and accepts that surface marks, including scratches and fingerprints, may occur.

## Copper Patina Disclaimer:

Copper continuously undergoes a natural oxidation process, developing a patina over time. This patina formation is an inherent characteristic of copper and is influenced by environmental factors such as moisture, air quality, and exposure to the elements.

- The patina process begins with a gradual color shift, often transitioning from bright copper to darker brown tones before developing shades of green or blue in certain conditions.
- Patina development is unpredictable and varies based on climate, exposure, and installation environment.
- Surface variations, including uneven patina patterns, may occur as part of the natural aging process.
- While patina adds a protective layer that enhances durability, it is a cosmetic change that cannot be fully controlled or prevented.

By purchasing copper panels, the customer acknowledges and accepts the natural patina process as an expected characteristic of the material.

## Copper Dissimilar Metals Disclaimer:

When installing copper panels, it is crucial to avoid contact with dissimilar metals that can cause galvanic corrosion, leading to premature degradation and staining. To ensure longevity and performance:

- Recommended Fasteners: Use stainless steel or copper fasteners to prevent corrosion and maintain structural integrity.
- Avoid Galvanized & Galvalume Metals: Do not use galvanized or Galvalume fasteners, flashing, or accessories, as these materials will react with copper, accelerating corrosion and potential failure.
- Separation from Other Metals: Ensure copper is not in direct contact with aluminum, steel, or other incompatible metals unless properly isolated with a non-conductive barrier.
- Runoff Considerations: Water runoff from copper onto other metals, such as zinc-coated surfaces, can cause staining and corrosion.

By purchasing copper panels, the customer acknowledges these installation requirements and accepts responsibility for using appropriate materials to prevent corrosion and ensure long-term performance.

