Kop-Coat, Inc.
d.b.a. Kop-Coat Protection Products
3040 William Pitt Way
Pittsburgh, PA 15238

TRU-CORE® CA-C Copper Azole Type C

Fastener Recommendations

	Indoors Always Dry (<15% MC)	Protected From Weather Dampness OK	Outdoor In Weather Regular Wetting	Coastal Applications	Wood Foundation & Other Critical Applications
AWPA Use Category	**UC 1**	**UC 2**	**UC 3, UC 4A**	**UC 3, 4, 5**	**UC 4B**
Fasteners	Mild Steel, EP[2] HDG HDG per ASTM A153 MG per ASTM A695 Class 55 Copper 304/316 SS	HDG per ASTM A153 MG per ASTM A695 Class 55 Copper 304/316 SS	HDG per ASTM A153 MG per ASTM A695 Class 55 Copper 304/316 SS	304/316 SS	304/316 SS
Connectors – Light gauge steel	HDG[3] HDG – ASTM A653 Class G185 Copper 304/316 SS	HDG – ASTM A653 Class G185 304/316 SS	HDG – ASTM A653 Class G185 304/316 SS	304/316 SS	NA
Connectors – Heavy duty welded steel	HDG – ASTM A123 304/316 SS	HDG – ASTM A123 304/316 SS	HDG – ASTM A123 304/316 SS	304/316 SS	NA
Flashing	Copper 304/316 SS HDG[3] HDG – ASTM A653 Class G185	Copper 304/316 SS HDG[3] HDG – ASTM A653 Class G185	Copper 304/316 SS HDG[3] HDG – ASTM A653 Class G185	304/316 SS	Copper 304/316 SS

Notes to Tables:

1. Key to Metals in Tables HDG: Hot-dipped galvanized steel MG: Mechanically galvanized steel EP – Electroplated SS: Stainless Steel.
2. While hot-dipped galvanized fasteners are preferable, the use of non-galvanized or electroplated steel nails is acceptable when attaching joists, studs, or other framing to copper azole treated sill plate, provided the wood is initially dried after treatment and will remain dry in service, protected from weather and water. The use of ½" diameter and larger non-galvanized steel bolts is recognized in the International Residential Code; these are commonly used as foundation anchor bolts.
3. The use of standard galvanized strapping is acceptable for fastening copper azole treated wood to foundations, provided that the wood is initially dry and will remain dry in service, protected from the weather and water.
4. In wet situations, aluminum is subject to dissimilar metal corrosion when in contact with copper azole treated wood. Aluminum should only be used in normally dry applications where a barrier can be installed that (a) provides complete separation of the aluminum (without penetrating fasteners) from the treated wood and that (b) will remain intact for the service life of the flashing. Aluminum nails, screws, fasteners, and connectors should not be used in wood treated with copper-based preservatives.

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Important Information

- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Wash exposed skin areas thoroughly.
- All construction materials and sawdust should be cleaned and disposed of after construction.
- Wash work clothes separately from household clothing.
- Preserved Wood should not be used where it may meet drinking water, except for uses involving incidental contact such as freshwater docks and bridges.
- Do not use preserved wood where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved wood as mulch.
- If the wood is to be used in an interior application and becomes wet, it should be allowed to dry before being enclosed.
- Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- To finish preserved wood, follow coating manufacturer's instructions and test a small area before completing entire project.
- Projects should be designed and installed in accordance with federal, state, and local building codes and ordinances governing construction in specific local area.

For more information call 412-227-2426; email ippd@kop-coat.com; or visit https://kop-coat.com/wood-preservation/durable-wood-protection-programs/