

MCA™ Fact Sheet

PRODUCT FEATURES

MCA is produced from cutting edge technology. It is environmentally friendly, containing micronized copper and tebuconazole dispersed in water. The preservative is manufactured with a minimal carbon footprint and provides superior performance.

Compared to ACQ and copper azole wood preservatives, **MCA** is:

- ✓ **Lower** significantly in rates of leaching
- ✓ **Less** corrosive to metal fasteners
- ✓ **More** resistant to mold growth
- ✓ **Acceptable** for direct contact with aluminum
- ✓ **Lower** in volatile organic compounds
- ✓ **Easier** to paint or stain

RETENTION LEVELS

Proven performance for above and ground contact at the following levels:

Above Ground 0.07 pcf ~ **Ground Contact** 0.16 pcf
0.24 pcf

MATERIALS

The following wood products may be treated with **MCA**:

- Dimensional lumber and timbers of the following species consisting of primarily sapwood:
 - Caribbean Pine, Eastern White Pine, German Scots Pine, Patula Pine, Ponderosa Pine, Radiata Pine, Red Pine, Southern Pine, and Southern Pine (mixed).
- Lumber for decking and specialty use of the species listed above.
- Southern Pine and Douglas Fir plywood.

COMPLIANCE WITH CODES

- ✓ 2007 ICC ESR 2325
- ✓ 2006 International Building Code® (IBC)
- ✓ 2006 International Residential Code® (IRC)
- ✓ 1997 Uniform Building Code™ (UBC)
- ✓ BOCA® National Building Code/1999 (BNBC)
- ✓ 1999 Standard Building Code® (SBC)

APPLICATIONS

MCA preservative-treated wood products are recognized for use in above ground, ground contact, and freshwater contact applications and to resist attack by rot, fungal decay, and subterranean termites including Formosan termites.

MCA preservative-treated wood products may be used in locations where wood is permitted and/or in locations required by the code to be fungal decay or termite resistant in all building types and occupancies where permitted by the applicable code. Typical applications are described in the following table.

USE CATEGORY	SERVICE CONDITIONS	USE ENVIRONMENT	TYPICAL APPLICATIONS
UC2	Interior Construction, Above Ground Damp	Protected from weather, but may be subject to sources of moisture	Interior construction
UC3B	Exterior construction, Above Ground	Exposed to all weather cycles including prolonged wetting	Decking, deck joists, railings, fence pickets, uncoated millwork
UC4A	Ground Contact or Fresh Water, Non-critical components	Exposed to all weather cycles, normal exposure conditions	Fence, deck, and guardrail posts, crossties, and utility poles (low decay areas)
UC4B	Ground Contact or Fresh Water, Critical components or difficult replacement	Exposed to all weather cycles, high decay potential, includes salt water splash	Permanent wood foundations, building poles, horticultural posts, crossties and utility poles (high decay areas)



Materials that matter. People that care.

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