



Northern Crossarm Co., Inc.

Treated Wood

KDAT BROWN



Rich, Brown
Finished Look



WHAT TO EXPECT WITH KDAT? KDAT BROWN FROM NORTHERN CROSSARM CO., INC.

Wood is a porous material, which makes it ideal for the pressure treating process. Because it is porous, wood has a natural tendency to warp, cup, twist, crack, check, shrink and swell as it is exposed to wetting and drying cycles.

The pressure treating process fully saturates wood with preservative and water. While the preservative is left in the wood for protection, the water is released as the wood naturally dries, bringing out these natural characteristics.

Kiln Dried After Treatment, "KDAT" is a process that removes this excess moisture from wood introduced by the treating process. Kiln drying after treatment helps to improve the performance and stability of pressure treated wood.

KDAT BENEFITS

- Lighter, easier to handle.
- More resistant to shrink, cup & warp.
- Easier to saw & plane.
- Better holding power (nails & screws).
- AG, GC & Fresh Water Immersion.
- Can be painted or stained immediately.
- Better corrosion resistance for exterior code approved fasteners & hardware.

KDAT IS STILL PRESSURE TREATED WOOD

While the KDAT process helps to improve the stability of pressure treated wood, it does not make it impervious to wood's natural characteristics. This is especially true if it is exposed to wetting and dry cycles prior to installation.

WHAT NOT TO EXPECT?

• STRICT UNIFORMITY

Sawn Lumber will vary in dimensional size due to mill inconsistencies. KDAT can only restore lumber sizes close to their beginning size. IT IS NOT EXACT.

• EXACT MOISTURE CONTENT

When lumber is KDAT, a moisture range of (15%-19%) is targeted. KDAT is not an exact science, and lumber will have variations in moisture content. Moisture variations will become considerable, if the lumber is exposed to moisture after being Kiln Dried After Treatment.

• ELIMINATION OF ALL NATURAL CHARACTERISTICS

While KDAT improves the performance of treated lumber, it cannot eliminate these natural characteristics completely. Some warp, cup, twist, check, crack, shrink and swell is to be expected.

Because wood absorbs moisture and swells when exposed to moisture, proper spacing between deck boards is important during construction when using KDAT decking. A gap of approximately 3/8" between boards allows for expansion.



Northern Crossarm Co., Inc. P.O. Box 34, Chippewa Falls, WI 54729 • (715)723-4100 • crossarm.com

MicroPro pressure treated wood products are treated with Micronized Copper Azole. MicroPro treated wood products are produced by independently owned and operated wood treating facilities. MicroPro is a registered trademark of Koppers Performance Chemicals Inc..



- Do not burn preserved wood
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used.
- If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Disposal Recommendations: 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.
- If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before finishing the entire project to ensure it provides the intended result before proceeding.
- Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold. For more information visit www.epa.gov.
- Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. For additional information, refer to the MicroPro Fastener and Hardware Information Sheet.

Source: <http://www.kopperspc.com/micropro/micropro-important.html>

Staining & Sealing

Apply a weather-resistant finish to help reduce the effects of natural weathering, a stain or finish containing high-quality water repellent is recommended to help minimize warping, checking and splitting of exposed pressure treated wood.

When applying stain or water-repellent products, we recommend following the manufacturer's application and use instructions. Also, apply to a small exposed test area before finishing the entire project to ensure it provides the intended result before proceeding.

PO Box 34, Chippewa Falls, WI 54729 • (715) 723-4100 • crossarm.com

MicroPro pressure treated wood products are treated with Micronized Copper Azole. MicroPro treated wood products are produced by independently owned and operated wood treating facilities. MicroPro is a registered trademark of Koppers Performance Chemicals Inc..