

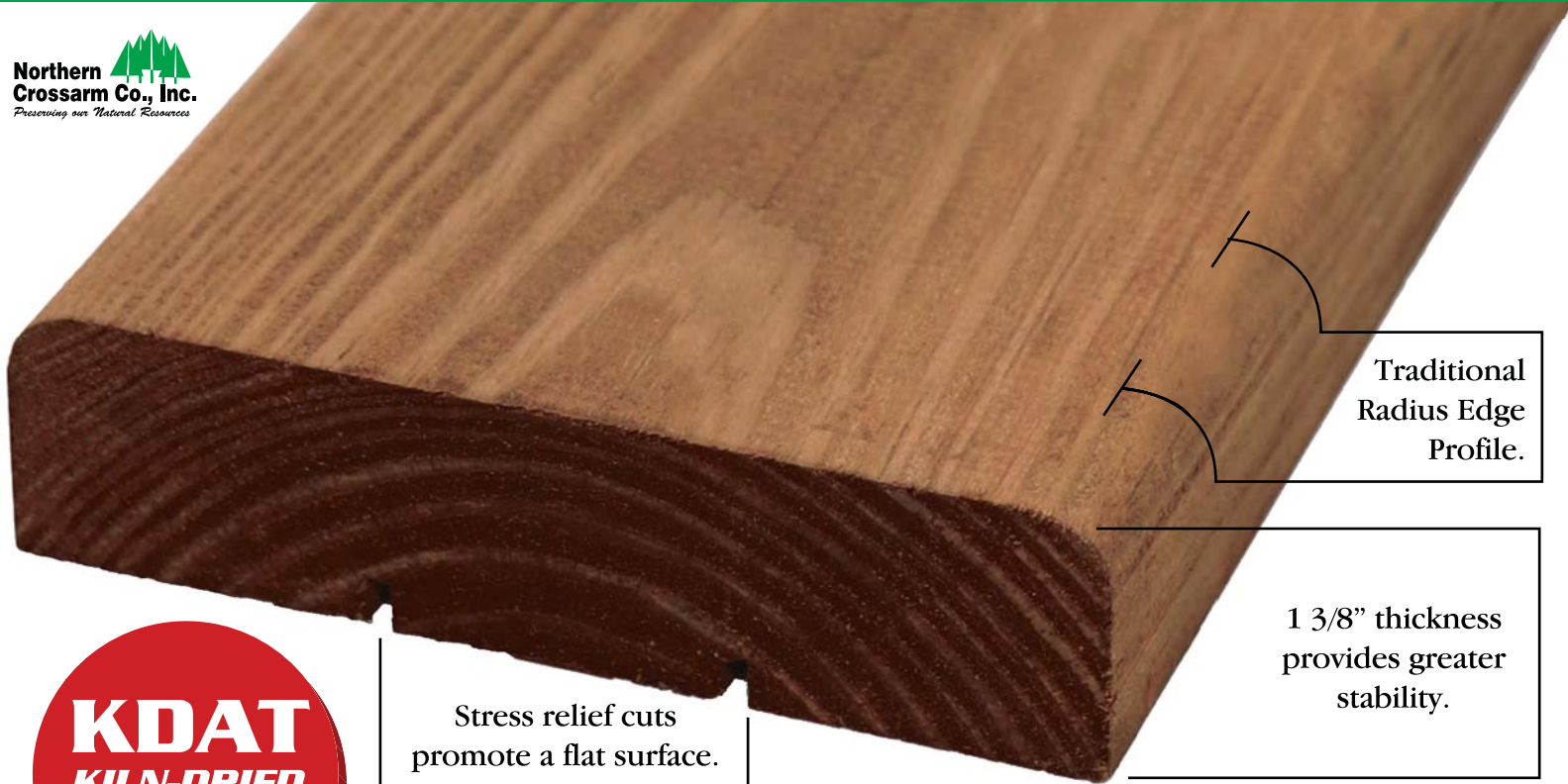


Northern Crossarm Co., Inc.

Northern KDAT DECKING



KDAT Brown Treated Wood Products from Northern Crossarm provide beautiful, rich, natural wood tones along with the durability and protection of MicroPro® technology.

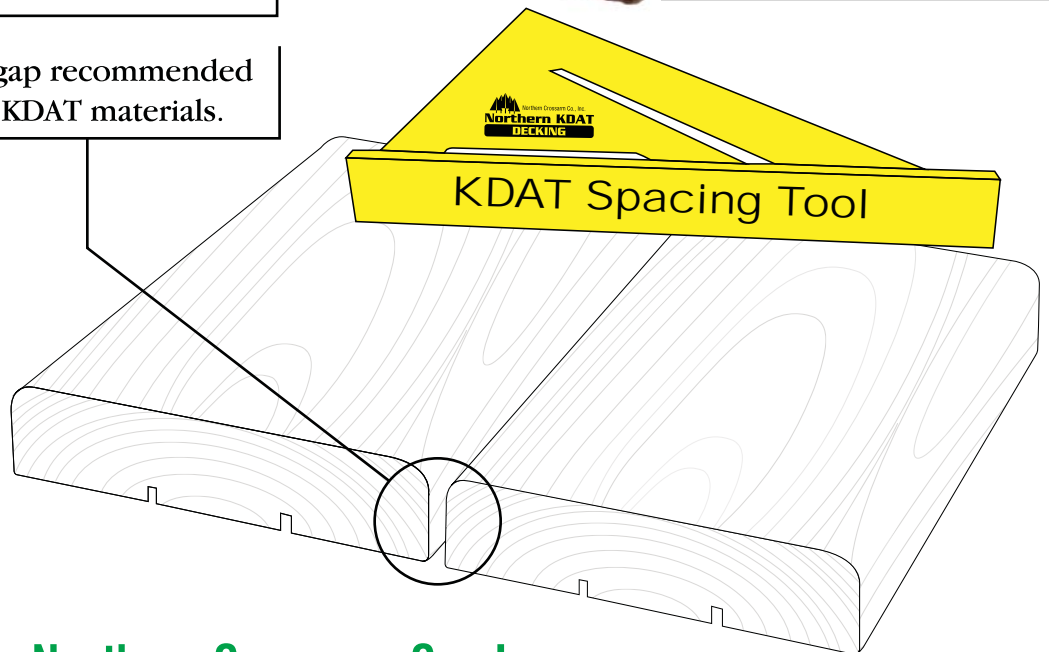


Traditional
Radius Edge
Profile.

1 3/8" thickness
provides greater
stability.

Stress relief cuts
promote a flat surface.

1/4" gap recommended
on KDAT materials.

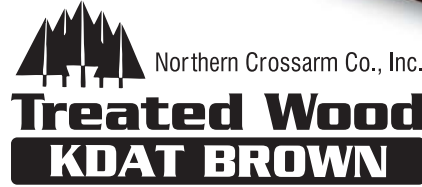


KDAT Spacing Tool

Northern Crossarm Co., Inc.

PO. Box 34, Chippewa Falls, WI 54729 · 715-723-4100 · www.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. © 2/2015



What to Expect with **KDAT**

KDAT Pressure Treated Wood 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.

BENEFITS

- Lighter weight
- Reduced potential for Shrinkage
- Easier to saw and plane
- Easier to handle
- Increased stability in deck framing

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 woods 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 KDAT
- **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 approximately 3/8" between boards allows for expansion.



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