

Kiln Dried After Treatment (KDAT) Pressure Treated Lumber

Reasons to Buy Kiln Dried After Treatment (KDAT) Pressure Treated Lumber

- Helps reduce cracking, cupping, twisting
- Lighter in weight, easier to handle
- No delay necessary before painting or staining

All the Benefits of Pressure Treated Wood PLUS It's Easier to Handle

The preservation process saturates wood with liquid. Moisture that remains after treating adds significantly to the weight of wood. Eventually, upon exposure to sun and air, the wood will dry out.

KDAT lumber is kiln-dried to a moisture content of about 19%, making it lighter in weight and easier to handle. You'll appreciate this when you haul, move, and fasten the lumber.

Proper Installation of Decking that is Kiln Dried After Treatment (KDAT)

When using wood that has been Dried After Treatment, allowing for shrinkage is not necessary. Allow a 1/8" gap (the thickness of an 8-penny nail) between the boards when attaching, since the wood will expand slightly over time. After installation, KDAT lumber must be stained, painted or sealed immediately, allowing you to finish your project without delay.

Wood Needs to be Protected

Although wood is solid, it is also porous and affected by liquid moisture and humidity. Wood swells when it gets wet, and it shrinks as it dries. Most treated wood is still wet from the water used during the treatment cycle. With KDAT wood, moisture is removed during the drying process.

Kiln drying helps to reduce the natural tendencies for wood to warp, or twist. These occurrences may cause the wood to split or crack. When drying takes place under controlled conditions such as in a kiln, there is less stress on the wood and these effects are minimized. The process of drying requires that sticks be placed evenly between each layer of boards in the pack allowing air to pass through the unit. This will leave a light stripe on the face of the board. The stripe is visible on the installed product, but given exposure to the sun it will gradually darken. The length of time it will require depends on the intensity and duration of sun exposure.

Apply a Weather-Resistant Finish

Pressure treated wood is protected from rot, decay, and termites. Over time, the natural effects of weathering can cause cracking, splitting, warping, or graying of the wood's surface. Following the initial application of a finishing product such as paint, stain or a sealing product, periodic reapplication may be needed. The level of exposure to weathering conditions such as sunlight and moisture will determine these intervals. A finishing product will help protect the surface of the wood from rapid wetting and drying, prolonging the appearance over time

When applying a protective finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, test the finishing product on a small unexposed area before finishing the entire project to insure it provides the intended result before proceeding.

