



T-BOR BORATE Treated Wood

All of the economic advantages of wood plus warranted protection against rot and termites

T- Bor Borate treated wood provides the economy and workability of ordinary wood while adding years of life to typical wood structures. That's because this wood is pressure-impregnated with a preservative that has proven its effectiveness – yet it rates low in environmental impact.

T-Bor Borate treated wood is well suited for sill plates, trusses, wall plates, ceiling joists, floor beams, door frames, and other interior applications not subject to direct contact with the ground or where there is normally no contact with water. It is an ideal building material where leaching is not a normal hazard except during the initial period of construction. **T-Bor Borate** treated wood has a blue colorant added for identification purposes.

You can get the cost, construction, and environmental benefits of wood, plus long service life, by choosing T-Bor Borate treated wood.

What does T-Bor Borate treated wood do?

It protects against...

Termites... Experts on this subject all agree, "In most areas of the United States, you either had, have or will have termites." The southern United States is an ideal habitat for subterranean termites. Now there is the added threat of the Formosan termite. This voracious species poses an even greater problem because of its huge colonies and destructive appetite. Many homeowners have found that, against some termites, standard soil treatment alone is an inadequate defense.

Rot & Decay... The fungi that cause wood rot exist throughout the United States, **T-Bor Borate** treated wood provides a shield of protection for the home's sill plate and other interior uses.

Thunderbolt Sales Office: (209) 869-4561 ext. 200
Sales Manager: Miguel Gutierrez (209) 747-7773
Sales Representative: John Martinez (209) 765-9023

Industry Acceptance

Sodium Octaborate is listed in AWWA preservative standards and is referred to as SBX. *T-Bor Borate* treated wood meets the requirements of AWWA standard U1 and is suitable for Use Categories UC1 and UC2

Retention Requirements of the American Wood Protection Association (AWPA)

B203 (pcf)	DOT Equivalent	KDAT	Application
0.17	0.25	Optional	For use where Formosan Termites are not present
0.28	0.42	Optional	For use where Formosan Termites are present

Jobsite Storage

T-Bor Borate treated wood is intended for interior, above ground use only. To prevent contact with water at a jobsite, it is best to store *T-Bor Borate* treated wood products off the ground and covered.

Exposure during construction

Although it is advisable to avoid exposure to water, it is often impractical to provide total protection during construction. Normal exposure to the elements does not affect the long term performance of *T-Bor Borate* treated wood. If a partially built structure is left uncovered for an extended period of time then steps should be taken to shield the wood from precipitation.

Construction practices

T-Bor Borate treated wood handles very much like ordinary wood. It can be drilled, sawn, glued and finished with standard woodworking tools, just like untreated wood. No end cut treatment is necessary for sawn cross-cut sections or bored holes

Hardware

Wood treated with the DOT type of Borate has been found to be no more corrosive than traditional CCA treated wood. Code compliant hardware is adequate. While galvanized fasteners and connectors are preferable, the use of non-galvanized hardware of sizes and types approved by the model code is acceptable when attaching joists, studs or other framing to T-Bor Borate treated wood products, provided the wood will remain dry in service, protected from the weather and water. Under similar conditions, the use of standard galvanized strapping or mild steel anchors bolts ½" in diameter and larger is also acceptable for fastening *T-Bor Borate* treated wood to foundations.

