

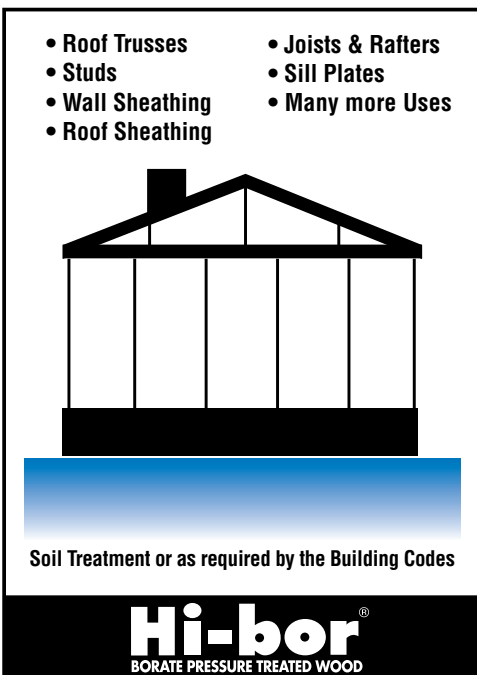
Hi-bor® Borate Pressure Treated Wood Products are:

- Manufactured by licensed, independently owned and operated treating plants that produce products to stringent Hi-bor standards.
- Pressure treated with an EPA registered borate wood preservative for protection against termites, carpenter ants, and fungal decay.
- For use in above ground weather protected structural framing in residential and commercial projects, such as residential dwellings, industrial buildings, or any application requiring wood protected against termites, carpenter ants, and fungal decay, including dry rot.

## Product Description

### Basic Uses

- Hi-bor Borate Pressure Treated Lumber is recommended for sill plate, joists, studs, roof trusses, blocking, rafters, beams, and other framing applications.
- Hi-bor Borate Pressure Treated Lumber is also recommended for fascia, trim, and miscellaneous wood applications, when properly protected from the weather (refer to limitations).
- Hi-bor Borate Pressure Treated Plywood is recommended for wall sheathing, roof sheathing, and subfloors, where not exposed to wetting conditions.



### Materials

- Hi-bor Borate Pressure Treated Wood is treated with Disodium Octaborate Tetrahydrate (DOT). This preservative is registered with the EPA and meets the requirements of American-Wood Preservers' Association Standard P5. The brand name is Timbor Industrial.
- Hi-bor Borate Pressure Treated Wood is accepted by Hawaii building codes, major model building codes, and it is supported by the ICC Legacy Report #NER-648.
- All products shall be pressure treated in conformance with the Hi-bor Treating Manual.
- Approved lumber species are Southern Yellow Pine,

Douglas Fir, Hem-Fir, and Spruce-Pine-Fir.

- Approved plywood species are Southern Yellow Pine and Douglas Fir.

### Workability

- As with untreated wood, Hi-bor Borate Pressure Treated Wood may be sawn, drilled, or routed with standard woodworking equipment.
- Products may be fastened with standard (common) nails and screws. Check local building codes which may vary in requirements.

### Limitations

- Hi-bor Borate Pressure Treated Wood is intended to be used

for framing and applications where the wood is not in direct contact with the ground and is continuously protected from liquid water. Normal exposure to weather during ordinary installation will not adversely affect the performance of the product.

- Hi-bor Borate Pressure Treated Wood Products should not be used for outdoor structures exposed to weathering and rain.
- Facia and other exposed applications must be protected with primer and at least two coats of paint. Material must be allowed to dry before painting.
- When properly used, Hi-bor Borate Pressure Treated Wood Products should provide long-term service. Failure to observe the recommendations in this product information guide could result in failure of the products.
- Products intended to carry the Hi-bor 20 Year Limited Residential Warranty and/or to be used to protect from Formosan Termites must be treated to a minimum retention of .28 pcf B<sub>2</sub>O<sub>3</sub> (.42 pcf DOT). Please see the Hi-bor 20 Year Limited Residential Warranty for details.

## Technical Information

- All products shall meet the requirements of the Hi-bor Treating Manual as set forth by Pac Chem and administered by Osmose, Inc.
- All products bear a permanent ink stamp or end tag carrying the Hi-bor trademark, a quality mark of an approved third party inspection agency, and the name of the treating company that produced the treated products. Also displayed is the

retention level, date of treatment, and the words ABOVE GROUND INTERIOR USE.

- Use appropriate untreated lumber and plywood span tables for Hi-bor Borate Pressure Treated Wood for each of the respective species.
- For further technical information and Material Safety Data Sheets, contact Osmose, Inc. as listed under Warranty and Technical Support.



## Installation

### Job Site Storage and Handling

- As with untreated wood, it is necessary to keep Hi-bor Borate Pressure Treated Wood products dry by covering the material with plastic or storing the materials under shelter and elevating the material above the ground to allow for air circulation.
- Sheathing should be covered as soon as practical after installation. If wetted during initial construction, allow materials to properly dry before permanently enclosing with felt, wallboard, etc.

### Installation

- Field treatment of all end cuts and borings, including plumbing and electrical holes is required on all lumber and timbers over 2" in thickness. Field treatment shall be either a 2% solution (copper metal basis) of Copper Naphthenate or a 10% solution of DOT, or another end coat preservative

approved by Pac Chem.

- Use industry accepted good construction practices for the construction of all wood member assemblies.
- Construction shall meet or exceed state and local building codes and standards.
- Comply with local, state, and federal safety regulations when installing framing and sheathing.

## Availability

- Hi-bor Borate Pressure Treated Wood is available from and produced by independently owned and operated wood preserving facilities licensed by Pac Chem.

## Warranty and Technical Support

- Hi-bor 20 Year Limited Residential Warranty against structural damage due to termites, carpenter ants, or fungal decay. For wood treated to a minimum retention of .28 pcf B<sub>2</sub>O<sub>3</sub> (.42 pcf DOT)
- For a copy of the warranty or for additional technical information, call Osmose, Inc. at 800-241-0240.

THE ONLY WARRANTIES MADE BY PAC CHEM ARE SET FORTH IN THE "HI-BOR 20 YEAR LIMITED RESIDENTIAL WARRANTY" AGREEMENT. PAC CHEM MAKE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.