Basic Uses

• Advance Guard Borate Pressure Treated Lumber can be used for sillplate, furring strips, joists, studs, roof trusses, blocking, rafters, beams, and other framing applications.

• Advance Guard Borate Pressure Treated Lumber can also be used for fascia, trim, and miscellaneous wood applications, when properly protected from the weather (refer to limitations).

• Advance Guard Borate Pressure Treated Plywood can be used for wall sheathing, roof sheathing, and subfloors, where not exposed to wetting conditions.

• Advance Guard Pressure Treated Wood is accepted by the IBC and IRC under AWPA-C31 and ICC - ES Legacy Report NER 648. It may be used for above ground sill plate and other interior, above ground applications as required by the IBC and IRC.

Materials

• Advance Guard 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.

• All products shall be pressure treated in conformance with the Advance GuardTreating Manual.

Limitations

• Advance Guard 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.

• When products are used in weather protected exterior applications (such as fascia board), it is recommended that the product be continuously protected from direct wetting with a minimum of one coat oil-based primer and two coats oil-based finish paint/sealer. Always check the label of the finishing product and follow the manufacturer's instructions. During construction, if the wood should become wet it should be allowed to dry before finishing. Apply finishing product to a small exposed test area of your project before finishing the entire project to insure you obtain the intended result.

• Advance Guard Borate Pressure Treated Wood Products should not be used for decks or other outdoor structures exposed to weathering.

• When properly used, Advance Guard 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 Advance Guard Lifetime Residential Limited Warranty must be treated to the appropriate retention as required in the warranty zone map (see back). Please see the Advance Guard Residential Limited Lifetime Warranty for details.
**Technical Information**

- All products shall meet the requirements of the Advance Guard Treating Manual as set forth and administered by Koppers Performance Chemicals Inc.
- All products bear a permanent ink stamp or end tag carrying the Advance Guard trademark, a quality mark of an approved third party inspection agency, and the name of the treating company that produced the treated products. It also bears the symbol “SBX” (Sodium Borate), the retention level, the appropriate treating standard, wood species, date of treatment, and the words "ABOVE GROUND AND CONTINUOUSLY PROTECTED FROM LIQUID WATER".
- Use appropriate untreated lumber and plywood span tables for Advance Guard Borate Pressure Treated Wood for each of the respective species.
- Building Codes may require a 19% moisture content for lumber and an 18% moisture content for plywood at time of installation.
- For further technical information and Material Safety Data Sheets, contact Koppers Performance Chemicals Inc. as listed under Warranty and Technical Support.

**Installation**

**Job Site Storage and Handling**

- As with untreated wood, it is necessary to keep Advance Guard Borate Pressure Treated Wood products dry by covering the material 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.

**Availability**

- Advance Guard Borate Pressure Treated Wood is available from and produced by independently owned and operated wood preserving facilities licensed by Koppers Performance Chemicals Inc., and is generally distributed through retail lumber dealers.

**Warranty and Technical Support**

- Advance Guard Lifetime Residential Limited Warranty against structural damage due to termites, carpenter ants, or fungal decay. For wood treated to a minimum retention per the warranty zone map.
- For a copy of the warranty or for additional technical information, call Koppers Performance Chemicals Inc. at 800-585-5161 or visit www.kopperspc.com.

**Important Information**

- USE FASTENERS AND OTHER HARDWARE WHICH ARE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- Do not use preserved wood as mulch.
- Wear gloves when working with wood.
- Do not burn preserved wood.
- Use fasteners and other hardware which are in compliance with building codes for the intended use.
- 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.
- When products are used in weather protected exterior applications (such as fascia board), it is recommended that the product be continuously protected from direct wetting with a minimum of one coat oil-based primer and two coats oil-based finish paint/Sealer. Always check the label of the finishing product and follow the manufacturer’s instructions. During construction, if the wood should become wet it should be allowed to dry before finishing. Apply finishing product to a small exposed test area of your project before finishing.
- Projects should be designed and installed in accordance with federal, state and local building codes and ordinances governing the construction in your area, and in accordance with the National Design Specifications (NDS) and the Wood Handbook.
- 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.

**Advance Guard Lifetime Residential Limited Warranty Zone Map**

- **.17 pcfsBx Retention** (non-formosan termite zone)
- **.28 pcfsBx Retention** (Formosan termite zone)

*The warranty does not cover .17 pcfsBx retention for formosan termite damage, regardless of geographic location.*

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