

FOR DIP-DIFFUSION, PRESSURE, AND WOOD TREATMENT USE

General Information

USE INFORMATION

LUM-BOR is a water-soluble inorganic borate salt with insecticidal and fungicidal properties effective against wood-destroying organisms, including the listed target pests. This product can be used for remedial treatment of infested wood, for preventative treatment (before signs of infestations) for wood in existing structures, or for pre-treatment of wood during construction.

This product is recommended for wood and cellulose materials, in accordance with the specific treatment methods described herein. This product is effective for all interior and exterior wood (and wood-foam composite structural components) that will be protected from excessive rain not in direct contact with soil. Types of wood include, but are not limited to, all types of lumber, logs and plywood. This product is toxic to wood-destroying insects, but surface etching of treated wood by target organisms may occur.

Limitations, Restrictions, and Exceptions

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DIP DIFFUSION TREATMENT

This method of treatment can result in complete penetration throughout the whole cross-sectional area of the treated lumber.

Preparation of Solution:

1. Add water to the tank to about 80% of the required solution.
2. Raise the temperature to the desired level and gradually add the calculated amount of this product with agitation.
3. Add the remaining water. Agitate the solution for an additional 10 minutes to ensure complete dissolution of this product.

4. Maintain the temperature of the solution during treatment.

Note: Upon cooling, some borate may crystallize out of the solution, but these will redissolve when solution is heated for the next treatment season. In very cold weather, some heating or insulation should be provided to prevent solidification at the bottom of the tank. The tank should be covered when not in use to prevent evaporation and contamination of the water.

Application Method:

Dip freshly cut lumber in a tank containing hot aqueous solution of this product for 2 to 5 minutes. After dipping, stack and store the newly treated wood under a tarpaulin or shed roof to slow the drying process and prevent wash-off by rainfall, thus, improving penetration. Diffusion of the wood preservative into the wood interior will start immediately and will require several weeks to thoroughly penetrate the lumber depending on the species and wood thickness.

Method

[Dip](#)

Timings

[N. A.](#)