

Allgon



TIMBER TREATMENT FOR BORERS AND TERMITES



TIMBER PRESERVATIVE

Allgon

For industrial and domestic use in the pre-treatment and remedial treatment of timber against insects



USAGE:

For industrial and domestic use in the pre-treatment and remedial treatment of timber against insects

WHY USE TREATED TIMBER:

Wood has been an invaluable building material for thousands of years, but in certain situations, it is prone to decay, limiting its usefulness for many applications. Environments that are prone to moisture, that encourage the growth of bacteria or fungi or that harbor wood-boring insects are especially challenging for natural wood products. While other building materials, such as rock, concrete, aluminium or steel, may be used in place of wood in many inhospitable environments, they tend to be much more expensive and difficult to work with.

To combat the limitations of natural wood and make it suitable for use in more extreme environments, treated timber is recommended.

As a building material, treated timber offers several unique advantages over natural wood timber, as well as other building products.

ADVANTAGES OF USING TREATED TIMBER AS A BUILDING MATERIAL FOR THE NEXT PROJECT



MOISTURE RESISTANCE

Natural wood left in moist or wet environments will soften quickly, allowing fungus, bacteria and other microorganisms to take root, slowly decomposing the wood.

Wood treated with **Allgon Timber Treatment** will be protected from fungus and other microorganisms that cause wood to decay in moist environments.

After treatment, the wood can be used in a variety of applications, such as decks that are constantly exposed to the elements.



FUNGAL RESISTANCE

Even with the slightest amount of moisture, many different types of fungus can attach themselves to wood and start to grow, sending their root structure deep into the wood to slowly decompose it. As the wood weakens, it can be preyed upon by other organisms, including termites, other insects and bacteria. **Allgon Timber Treatment** will prevent fungal growth in wood, as the chemicals in the product allows treated wood to be used in applications where it will be consistently moist, such as for buried posts or in basements.



INSECT RESISTANCE

In many areas, insects like termites and borers pose a significant threat to any structure built with wood. The insects can easily bore through the wood, weakening it and eventually causing dangerous structural problems, especially when the wood is exposed and moist. The chemicals such as Boron in the **Allgon Timber Treatment** product provide protection from termite and other insect damage, therefore discouraging insect activity.

When treated timber is used effectively in the construction process, by placing it in areas prone to termite and other insect activity, it can also provide a barrier that protects the rest of the structure from insect damage, including untreated wood. Additionally, it can discourage other nuisance insects, such as cockroaches and spiders, from taking residence in the structure.



FIRE RETARDANT

One of the most dangerous threats to wood-based buildings is fire damage. When **Allgon Timber Treatment** has been applied to wood the fire-retardant chemicals reduce the risk of fire damage. Flame retardant timber can be used in applications where the risk of fire is increased, like near fireplaces.



COST

Compared to other materials that may be used in place of treated wood, like stone, concrete, aluminium or steel, treated wood is typically less expensive to purchase and install due to its ease of installation and use. Treated timber can be used in a number of indoor and outdoor locations where materials like steel would quickly corrode without a proper coating.

Compared to natural wood, treating timber with **Allgon Timber Treatment** will be more expensive. However, it is worth it for any application that requires resistance to water, microorganisms, fungal growth or termite and other insect damage.



DURABILITY

Compared to natural wood, treated timber will last far longer in any environment where it is exposed to the elements or consistent moisture. Its termite, other insect and fungal resistance also helps it to outlast natural wood, and because it tends to be denser than untreated wood products.

Compared to other materials like concrete or stone, wood is much lighter, and compared to materials like steel, it is naturally anti-corrosive, it does not corrode in salt air or heavy industrial environments, making it resistant to oxidization.



EASE OF USE

Like other wood products, treated timber can easily be cut to size using a saw, and fasteners like nails will penetrate it easily. Drills can be used to bore holes through the wood easily, and routers can be used to shape it.

Compared to products like steel, it is lightweight and can be easily maneuvered, and it does not require special techniques like welding to complete projects. With treated timber, almost anything can be built quickly and easily, with little or no experience.

Wood treated with Allgon Timber Treatment is a versatile and convenient building material for just about any project, from mounting a mailbox to building a full deck. With its resistance properties you can be sure that whatever is built with treated timber will be extremely durable and will last for many years with a minimal amount of maintenance.

DIRECTIONS FOR USE

| SITUATION | RATE | CRITICAL COMMENTS |
|--|---|---|
| Preventive use For termites, borers and other insects on timber, masonry, brickwork, concrete | 0-25 mm depth: 125 mL/m ² 25-50 mm depth: 250 mL/m ² 50-100 mm depth: 500 mL/m ² Internal treatment: 5 mL/1000 cubic cm | Apply product by brush, roller, dipping or spraying |



BRUSH



ROLLER



SPRAYING



DIPPING

GENERAL INSTRUCTIONS

Allgon Timber Treatment for Borers and Termites is supplied ready to use as a preventive treatment as shown in the directions for use.

When treating very dry surfaces, the treatment will be enhanced if the surface can be sprayed with water 3 to 4 hours prior to applying **Allgon Timber Treatment** for Borers and Termites.

For severe infestations, apply two coatings of **Allgon Timber Treatment** for Borers and Termites 3 hours apart. To assist in the internal penetration of larger sections of timber structures, drill into the sections every 600 mm with a 5-20 mm diameter hole. Fill with **Allgon Timber Treatment** for Borers and Termites and stop up ends.

CLEAN UP INSTRUCTIONS

Water clean-up
Brushes and rollers to be rinsed out in water.
Note: Do not use solvents.



Allgon Timber Treatment is a versatile product and it will also prevent termite, borer and insect attacks on masonry, brickwork and concrete.



Allgon Timber Treatment is extremely effective in the treatment of borer infestations in timber floor boards, when spray applied at recommended rates.

▶ When treating surfaces which may be exposed to rain, it may be necessary to seal all surfaces with a suitable sealant.

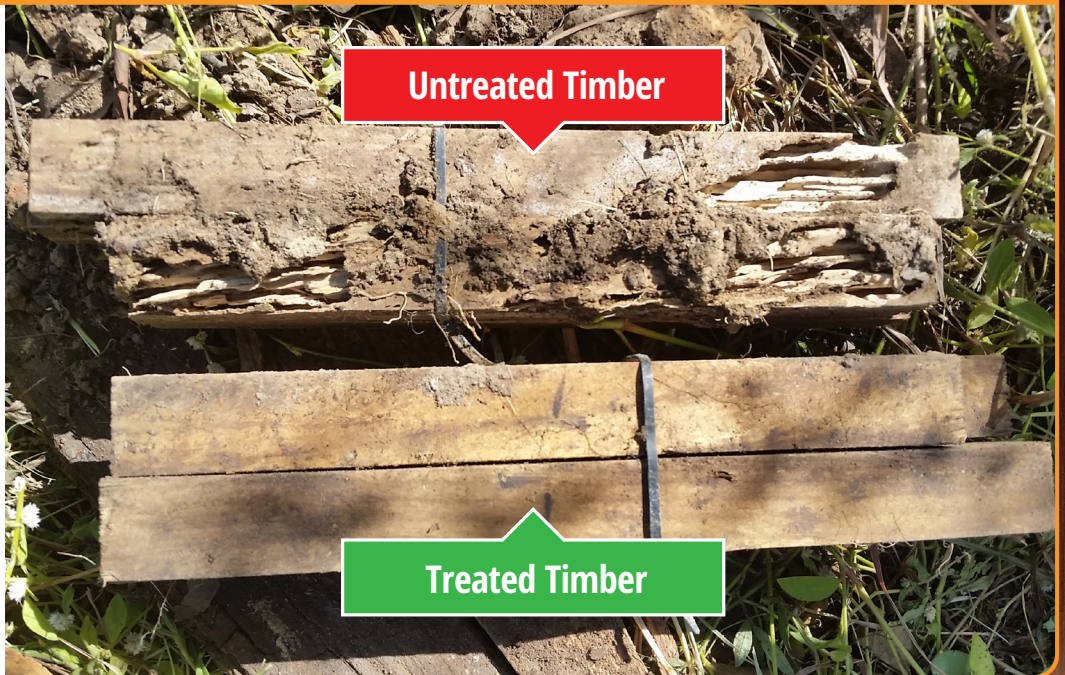
OFFICIAL PRODUCT TRIALS

Allgon Timber Treatment is the first Boron product to undergo official in-ground trials against subterranean termites.

These ongoing official trials have been conducted in Townsville, Tropical Northern Queensland, since 2015.

Image to right: Timber treated with Allgon Timber Treatment and timber untreated.

Shown here is one of the actual official trial results. It clearly demonstrates the effective protection Allgon Timber Treatment provides against subterranean termite attack.



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