



# WOOD PRESERVATION

*The way nature intended*



## LIVING IN THE PAST

Over the last 50+ years, structures have been built without a preservation plan for the very core of the structure – the wood. Left unprotected, wood is subject to infestations from wood-destroying organisms like termites and fungus, mold growth from water leaks, and in the case of a fire, unnecessary spread. Because of these risk factors, your structure is in danger of disease, damage, and ultimately, structural failure.

Most states, including California, require that every new wood structure receives a termite pre-treatment which dumps gallons of toxic pesticide into the soil around the structure. Over time, these chemicals seep away from the structure and into our waterways, destroying non-target organisms along the way, and making the treatment ineffective a few years down the road. The industry standard is a short term approach to a long term problem. It is a toxic and costly cycle, by design, that will continue for the life of your structure. Fumigations, pest control subscriptions, and structure repairs are a highly profitable industry. There is no consideration for the inhabitants or the environment when these dangerous, intrusive, and uncontrollable remediation methods are used.

## TIME FOR A CHANGE

Real estate owners have had enough. There is a growing global awareness of the health and environmental risks associated with chemical exposure and pollution to our families, homes, and communities. As a result, conscious consumers are demanding a change in favor of proactive and environmentally friendly building practices and structure preservation treatments.

## PLAN FOR THE FUTURE

Whether you are building a home or commercial property, remodeling a restaurant, or developing a community, it's time to make a preservation plan that protects your investment while excluding costly, toxic, and outdated remediation methods. Plan to preserve your investment, health, and environment for years to come with the B.E.S.T. Solution.



# THE B.E.S.T. SOLUTION

*Protect your structure from bugs, fungi, and fires. The natural way.*

This is where we come in. We believe in preservation over remediation, being proactive instead of reactive, and supporting the environment not the chemical corporations.

We have adopted an age-old process of wood preservation that has been used for over 30 years in Hawaii, where it is mandated by the building codes because of its proven effectiveness. Our experts have streamlined this wood preservation process, creating the B.E.S.T. Solution. It can be used on any new build or remodel as a one-time cost effective treatment, effectively eliminating any need for chemical or pesticide remediation of your structure for the foreseeable future.

## THE B.E.S.T. SOLUTION IN A NUTSHELL

**B. BORATE**  
**E. ENHANCED**  
**S. STRUCTURAL**  
**T. TREATMENT**

- One-time wood preservation treatment administered during the construction process
- Made from an all-natural, non-toxic preservative
- Effectively eliminates risks from wood destroying organisms and fungi, slows mold growth, and reduces fire spread and combustion

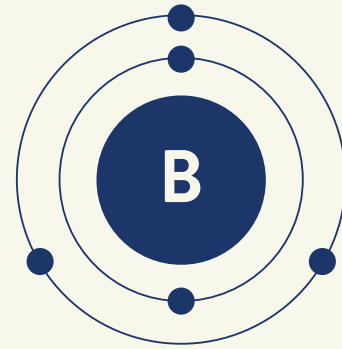
# HOW IT WORKS

The B.E.S.T. Solution is a water based solution from a naturally occurring salt-like mineral called Boron or Borate.

This liquid is typically applied to wood during the construction process. Unlike traditional toxic chemical applications that use heavy metals, our natural solution permeates through the wood's cellulose fibers becoming part of the wood and resulting in a protected product. Once administered to the structural framing, this defense lives in the wood indefinitely.

Borate works by disrupting the metabolic processes of mold, fungi, and insects that feed on wood, ultimately leading to their death. It also helps to prevent decay by creating an environment within the wood that is unfavorable for decay-causing organisms to thrive.

Borate acts as a fire retardant by releasing water molecules when exposed to high temperatures, helping to cool the wood and prevent it from combusting. It also creates a protective layer, known as *borate glass*, that can help to prevent flames from spreading.



Makes wood indigestible for destructive organisms, thus neutralizing their food source.



Raises flash point to nearly 3800°F, preventing combustion, limiting flame spread, and reducing smoke index.



Disrupts enzymes at cellular level, preventing fungi from extracting nutrients from wood.

# HOW IT STARTED OUR HISTORY

With 30+ years of experience in the pest control industry, we have become painfully aware of how costly, toxic, and temporary traditional wood remediation is – by design. Big chemical corporations have created an industry of temporary pest remediation, thereby guaranteeing their profits for years to come, at the expense of our family's and environment's health.

As surfers, fishermen, and stewards of our playground, we found it imperative to find an alternative process that supports the environment and our health. That is when B.E.S.T. Structure Preservations was born. By using a natural and non-toxic solution, we provide homeowners, builders, and real estate investors the option to protect their structures, the natural way, indefinitely.

Rather than utilizing the traditional pest control methods, we decided to employ an age-old proven mineral called Boron that has been underutilized for wood preservation in the Continental U.S. We developed a liquid solution that can be easily administered to lumber during the building process. Our solution is from the earth, and can return to the earth as a beneficial micro nutrient to our soils and oceans.

With over 30 years of proven results in natural wood preservation, we have witnessed significant structure protection during California wildfires, unparalleled defense from wood-destroying organisms and mold in humid environments like Mississippi and building codes in Hawaii that mandate a Boron treatment to all new buildings due to its proven effectiveness and longevity.

5

**B**  
BORON

# WHAT IS BORON?

Boron or Borate is a naturally occurring alkaline salt mineral found throughout the world including in seawater and soil as a micro nutrient, and most famously found in dense quantities in California's Mojave Desert.

Borate has been used for hundreds of years in household products. It is now used in teeth whitening treatments, home insulation, as a natural pesticide, flame retardant, and a safe wood preservative.

What makes Borate different from other wood preservatives is its ability to permeate and remain encapsulated in the wood. By contrast, traditional preservatives create an exterior barrier that, once penetrated is ineffective.





# PRODUCTS & SERVICES

## PRESERVATION PLAN

Our expert team will develop a custom wood preservation plan for your geographic location and building timeline.

## ON-SITE TREATMENT

CA licensed and trained technicians will come to your jobsite after framing is complete and apply our one-day topical solution to preserve your structure.



## PRE-BUILD LUMBER TREATMENT

We will pre-treat, test, and ship your lumber from our warehouse to your jobsite or development.



## B.E.S.T. SOLUTION

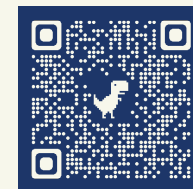
DIYers can purchase our topical solution due to it's low toxicity and lack of restrictions, and we can deliver it along with usage instructions directly to your jobsite.



## HOW TO MAKE YOUR PRESERVATION PLAN

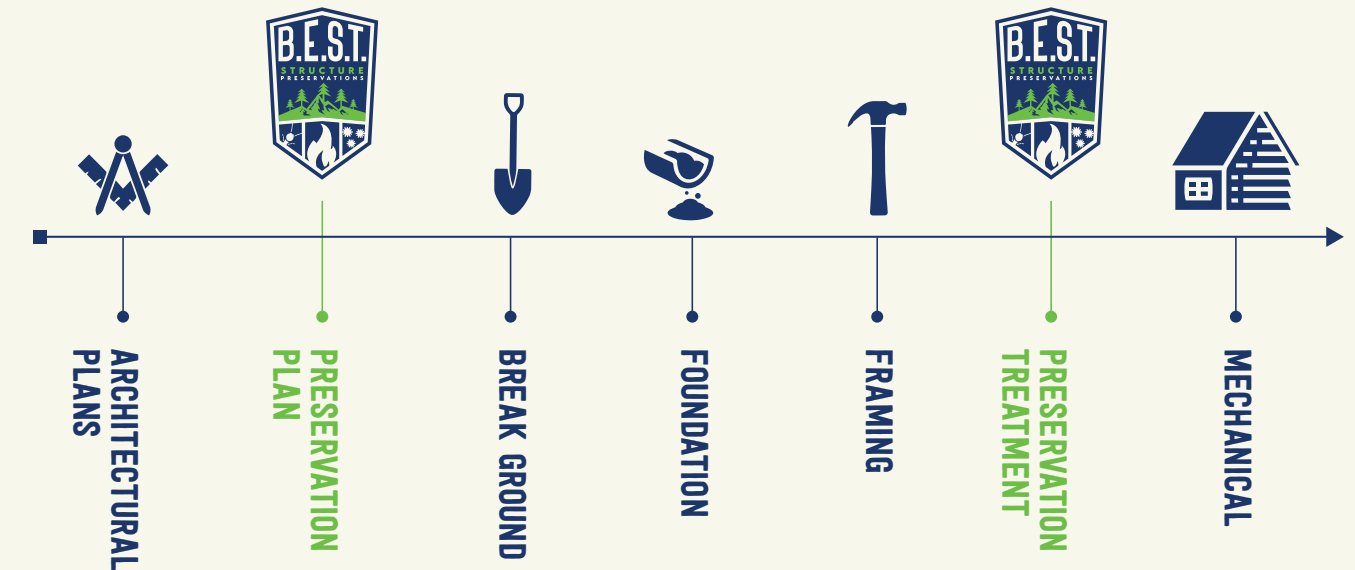
B.E.S.T. Structure Preservations will work with you and your architect or engineer to determine your need and select a plan that works best for your unique situation. We are prepared to walk you through the preservation planning process if it is new to you, treat your lumber before it arrives at your jobsite, or anything in between.

**CONTACT US FOR A FREE CONSULTATION**



## CONSTRUCTION TIMELINE

The timeline below illustrates where we fit into the new construction process. A Preservation Plan determines how best we can service your project and implements our one-day wood preservation treatment into your building timeline.



## STRUCTURE TYPES

Our treatment covers the following structure types during new construction:

- NEW BUILDS
- REMODELS
- HOMES
- ADUS
- RESTAURANTS
- MUSEUMS
- CAR DEALERSHIPS
- DEVELOPMENTS
- BUILD-TO-RENT COMMUNITIES
- AND MORE!

# PRESERVE YOUR INVESTMENT



Your high value untreated lumber is an all-you-can-eat buffet for wood-destroying organisms, fungi, and fires. Currently, the only strategy to prevent wood damage is a short term pesticide dump into the soil around your structure. The expectation is that the real estate owner will sign up for pest control subscriptions or to expect the unexpected. Now there is a better way, the B.E.S.T. Solution. This one-time, cost-effective alternative will increase your asset value and create a far more desirable long-lasting structure.

**DID YOU KNOW?** The B.E.S.T. Solution costs less than two fumigations!



## CALCULATE THE FINANCIAL COST OF NO PRESERVATION PLAN

Over 30 years, a 2,000 sq. ft. single family home can cost:

**\$16,000**

FUMIGATIONS

**\$15,000**

PEST CONTROL SUBSCRIPTIONS

**\$4,800**

DISPLACEMENT FEES

*Not to mention, structure repair costs with rising lumber costs!*

**OR**

**A \$2.25-\$5/SQ FT ONE-TIME TREATMENT WRAPPED INTO YOUR MORTGAGE, THAT LASTS FOREVER!**

**49,000+**

STRUCTURES BURNED IN CALIFORNIA SINCE 2017



AVERAGE COST OF MOLD REMEDIATION

**\$20,000**

**\$3,000-\$14,000+**

COST OF STRUCTURE FUMIGATION



### INVESTOR

Avoid investment losses from costly fumigations, pest control, repairs, or tenant displacement

### INHABITANT

Enjoy financial savings, avoid displacement of your family and pets, and live in a safer and healthier environment

## THE BENEFIT CYCLE

### BUILDER

Protection and peace of mind during the 10 year period of contractor defects liability

### ENVIRONMENT

Avoid toxins and pollutants from remediation methods like soil treatments, tenting, and spraying

# PRESERVE YOUR HEALTH



With information at our fingertips, savvy consumers have become more aware of the risks of chemical exposure caused by outdated building practices. Chemical structure remediation at the expense of our health is no longer an acceptable solution. Therefore, we have spent years, developing an alternative, the B.E.S.T. Solution, a water-based borate wood treatment process that is non-toxic and highly effective. You can have your kale and eat it too!

**DID YOU KNOW?**

The B.E.S.T. Solution is safer than coffee!



SUPPORT A HEALTHY LIFESTYLE



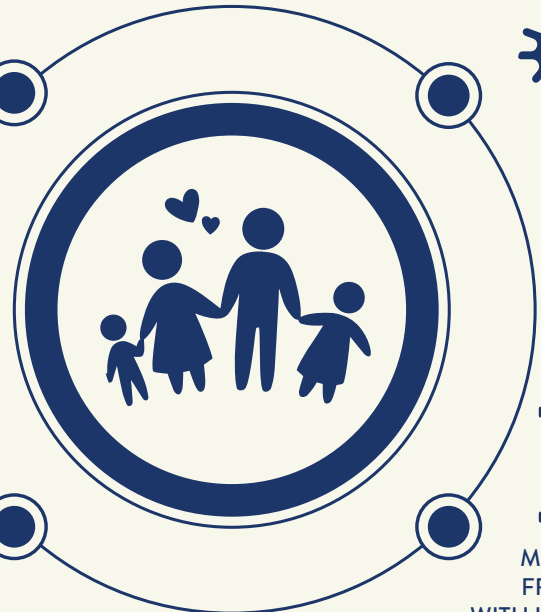
ELIMINATE HARMFUL FUNGUS & MOLD



REDUCE STRESS OF UNEXPECTED EXPENSES



MAXIMIZE FREE TIME WITH LOVED ONES



# LETHAL DOSAGE SCALE

**MORE TOXIC**

ARSENIC  
SULFURYL FLUORIDE  
DDT  
CAFFEINE

LEAD  
BLEACH

**BORATE**  
TABLE SALT

**LESS TOXIC**



# PRESERVE YOUR ENVIRONMENT



Chemicals used in traditional remediation are toxic to the air, soil, and water which negatively impacts plants and animals. By choosing the B.E.S.T. Solution for your structure preservation plan, you are using a proven highly-effective natural mineral that is from the earth, and can be returned to the earth and benefit the environment as a micro nutrient.

**DID YOU KNOW?**

The B.E.S.T. Solution is made from a salt-like mineral.



MINIMIZE GREENHOUSE GASES



REDUCE OCEAN POLLUTION



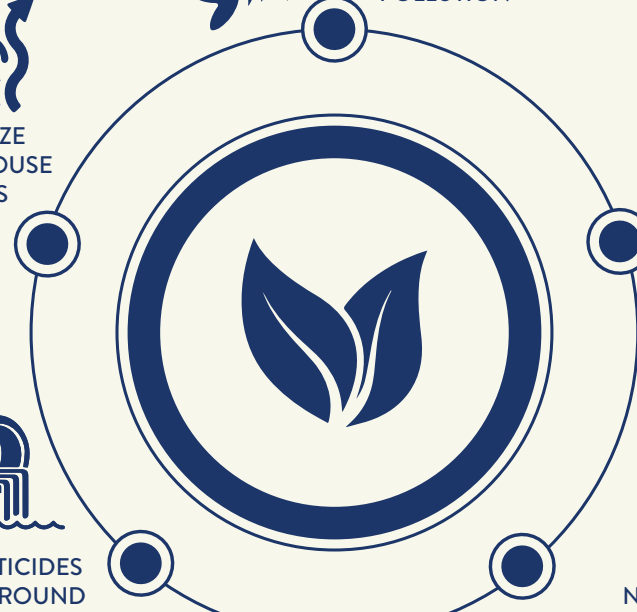
IMPROVE SOIL COMPOSITION



KEEP PESTICIDES OUT OF GROUND WATER



REDUCE DEATH OF NON-TARGET ORGANISMS



**100,000+**

FUMIGATIONS PER YEAR IN CALIFORNIA ACCOUNT FOR

**99% OF ALL**

**SULFURYL FLUORIDE**

IN THE ATMOSPHERE



A NEW HOME TRACT CAN BE POLLUTED WITH

**100-200**

GALLONS OF TOXIC TERMITICIDE THAT LEACHES INTO OUR GROUND WATER



# PRESERVATION CALCULATOR

BUILDING  
COST

x

=

COST PER SQ. FT.

STRUCTURE SQ. FT.

TOTAL

PRESERVATION  
COST

x

=

COST PER SQ. FT.

STRUCTURE SQ. FT.

TOTAL

PRESERVE YOUR BUILDING FOR ONLY

OF TOTAL BUILDING COST



## CONTACT US

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LEARN MORE

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