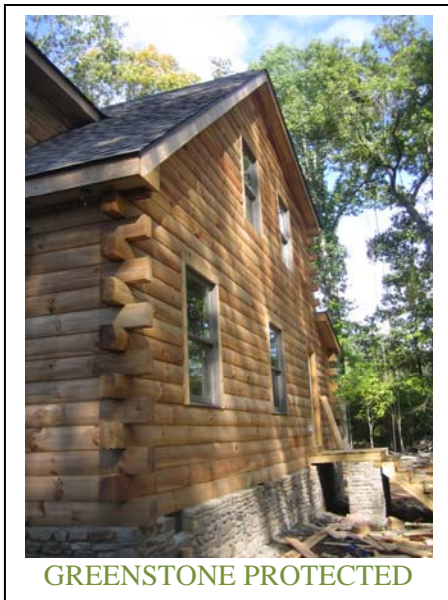




# GREENSTONE-GS SEALER

*The Only Protection Your Wood Will Ever Need .....*

INTRODUCING **GREENSTONE®-GS**, A REVOLUTIONARY PATENTED ORGANO-SILANE TECHNOLOGY (OST) THAT IS LOCKED INTO THE TREATED WOOD FOR LIFE. IT WILL NEVER LEACH OUT. **GREENSTONE™** PENETRATES AND ENCAPSULATES THE MATERIAL AT A MOLECULAR LEVEL. **GREENSTONE™** IS DESIGNED TO PROTECT WOOD FROM THE DAMAGING EFFECTS OF THE OUTSIDE ENVIRONMENT... AND IT IS TOTALLY ORGANIC. **GREENSTONE™** IS A CLEAR THIN LIQUID. IT CRYSTALLIZES WITHIN THE MATERIAL AND WILL NOT CHANGE THE COLOR OF THE MATERIAL. COLOR DYE CAN BE ADDED AND THE TREATED WOOD CAN BE PAINTED OR STAINED BECAUSE OF ITS STRONG CHEMICAL BONDING, THE WOOD IS HIGHLY RESISTANT TO NATURAL UV. CURING TIME IS VERY FAST AND MATERIAL CAN BE SHIPPED IMMEDIATELY AFTER TREATMENT.



GREENSTONE PROTECTED

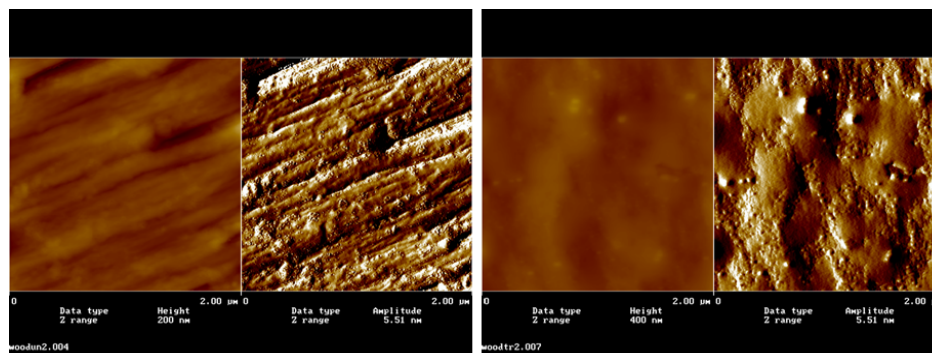
## FEATURES

- WATER / MOISTURE PROOF
- SHIELDS FROM OUTSIDE ENVIRONMENT
- FIRE RESISTANT
- MAKES IT STRONGER
- ADDS DIMENSIONAL STABILITY
- SPLINTER RESISTANT
- KEEPS BEAUTY OF ORIGINAL WOOD
- COLOR DYE CAN BE ADDED
- CAN BE PAINTED / STAINED
- EASY TO APPLY (DIP, BRUSH, SPRAY)
- FAST CURING
- IT DOES NOT LEACH OUT
- ORGANIC CHEMICAL

## CHEMICAL

THE MAIN COMPONENTS OF **GREENSTONE™** ARE SILICON AND BORON. SILICON COMES FROM SAND. BORON HAS BEEN USED FOR YEARS IN YOUR EVERYDAY PRODUCTS SUCH AS TOOTHPASTE AND WASHER DETERGENT. IT HAS MANY POSITIVE ATTRIBUTES, ONE OF THEM IS HEAT RESISTANCE. **GREENSTONE™** DELIVERS THESE COMPONENTS THROUGHOUT THE MATERIAL AND CRYSTALLIZES WITHIN THE MATERIAL TO FORM AN ORGANO-SILANE NETWORK. EXCESS WILL EVAPORATE AND BECAUSE IT REPLACES SOME OF THE MOISTURE CONTAINED IN THE MATERIAL BEING TREATED, THE WEIGHT GAIN FROM THE TREATMENT IS MINIMAL. **GREENSTONE™** CRYSTALLIZES THROUGHOUT THE MATERIAL ENCAPSULATING THE MATERIAL AT THE MOLECULAR LEVEL AND PROTECTING THE MATERIAL FROM THE OUTSIDE ENVIRONMENT INCLUDING LIVING ORGANISMS THAT WILL NOT RECOGNIZE THE TREATED MATERIAL AS A FOOD SOURCE.

BELOW ARE MICROSCOPIC PICTURES TAKEN BY AN ATOMIC FORCE MICROSCOPE AT THE UNIVERSITY OF MISSISSIPPI'S CHEMICAL ENGINEERING LAB. THE MAGNIFICATION SHOWN HERE IS APPROXIMATELY 20,000 TIMES. THE ONE ON THE LEFT IS FROM AN UNTREATED WOOD SAMPLE AND THE OTHER FROM A TREATED ONE. NOTE THE ENCAPSULATION EFFECT OF GREENSTONE™.



## TEST RESULTS

VARIOUS TESTS HAVE BEEN CONDUCTED SINCE 2004 AND HERE ARE SOME EXAMPLES:

### MOLD TEST

A MOLD TEST WAS CONDUCTED ON DRYWALL SAMPLES BASED ON ASTM D 6329-98 AND ASTM D 5590-00. SAMPLES WERE TREATED WITH GREENSTONE THEN PAINTED WITH LATEX PAINT TO ADD ADDITIONAL FOOD SOURCE FOR MOLD TO GROW. HERE IS WHAT PROFESSOR SHEARER OF THE UNIVERSITY OF SOUTHERN MISSISSIPPI REPORTED: "These data demonstrate that the Greenstone™ treatment is extremely effective and inhibits mold and other microbial growth on the surface of treated drywall. Treated samples exposed to 95% relative humidity as well as those continually exposed to water on the back surface showed no detectable mold or other microbial growth while all untreated samples showed extensive growth." THE TEST WAS CONTINUED OVER ONE YEAR AND THE RESULT WAS THE SAME.



### TERMITE TEST

CONSUMPTION STUDY OF GREENSTONE TREATED WOOD SAMPLES AGAINST FORMOSAN TERMITES WAS CONDUCTED AT THE NEW ORLEANS MOSQUITO & TERMITE CONTROL BOARD. APPROXIMATELY 2,000 TERMITES WERE PLACED ON EACH SAMPLE FOR 2 WEEKS. HERE'S THE COMMENT FROM THEIR SENIOR ENTOMOLOGIST DR. FREYTAG:



During Test



Treated Samples after Test



Untreated Sample after Test

"The termites consumed an average of 0.459 g in the untreated samples compared to 0.043 g in the treated samples, or approximately 10 times more wood. Because this was a no-choice test, we expected the termites to try to feed on the treated samples since there is not other food source."

### ROT TEST

INTERNAL ACCELERATED ROT TEST WAS CONDUCTED ON VARIOUS TYPES OF WOOD FOR SIX MONTHS. THE FOLLOWING PHOTOS SHOW UNTREATED AND TREATED MAHOGANY SAMPLES AFTER THE SIX MONTH EXPOSURE TO BROWN AND WHITE ROT MICROBES.



TREATED



UNTREATED

US. PATENT# 6,902,767

# GREENSTONE

**GREENSTONE INC. OF DELAWARE**

A division of Greenstone Holdings, Inc.  
35 Journal Square, Suite 481, Jersey City, NJ 07306

**For more information:**

Call: 877-387-3330 Email: [Info@egreenstone.com](mailto:Info@egreenstone.com)  
Fax: 646-304-2439

[WWW.EGREENSTONE.COM](http://WWW.EGREENSTONE.COM)