



# ZINC BORATE (ZB) OSB



## PRODUCT OVERVIEW

You're designing a new building for your client. This is your one chance to specify fungal decay and termite resistant framing and prevent decay and termite problems in the future. Premier SIPS with ZB OSB is your solution and gives your client an added level of protection; plus, it's backed by a warranty.

### ADVANTAGES:

- Protects against fungal decay
- Protects against termite damage

## FUNGAL DECAY AND TERMITE PROTECTION

Premier SIPS are heavyweights against the destructive agents of fungal decay and termites. The Premier rigid insulation in Premier SIPS is treated with borate termite protection. And the SIP, when made with ZB OSB and borate rigid insulation, prevents fungal decay and termite damage to its rigid insulation core and OSB facer components.

## HOW ZINC BORATE WORKS

Borate disturbs the digestive process of wood boring insects, effectively causing them to starve. For fungi, borate prevents enzymatic activity at the cellular level.

## EFFECTIVE PROTECTION

Premier SIPS using ZB OSB are protected with organic fungicides and a borate compound tested to be effective. During the OSB manufacturing process, zinc borate is blended

into the OSB and is integral to the OSB providing protection against both fungal decay and termites.

## BUILT-IN PROTECTION

When you specify Premier SIPS with ZB OSB, your projects gain built-in protection against future costly repairs due to fungal decay and termites.

From the time Premier SIPS arrive on the job site, throughout construction and after occupancy of the structure, ZB OSB continues to protect the Premier SIPS structure and the owner's investment. Using ZB OSB Premier SIPS is the smart choice for today's higher performing buildings.

## SAFE PROTECTION

ZB is deadly for termites and decay fungi, but safe for people, pets and the environment. Borate products have an excellent reputation for safety and a long track record of being safe when used as directed.

## TESTING PROVES ZB OSB'S EFFICACY

Field installations and laboratory tests shows ZB OSB to be highly effective for inhibiting fungal decay and termites foraging.

- 10 years field data evaluating uncoated OSB lap-joints treated with ZB
- 10 years field data evaluating ZB as a preservative treatment for engineered wood siding (AWPA UC3A)
- Extensive lab data evaluating ZB against decay fungi when used as a preservative treatment for wood composites
- 7 years field data against the Formosan Subterranean Termite (FST)
- Most extensively tested wood composite preservative against the FST
- Registered with the U.S. EPA ('93) and the PMRA in Canada ('96)



ZB OSB test units placed on top of Formosan Subterranean Termite colony

## UPGRADE YOUR STRUCTURES: START HERE

Your nearest Premier SIPS representative will be happy to collaborate with you to incorporate ZB OSB as part of your complete material package. For additional information on Premier SIPS ZB OSB and to contact your nearest representative visit [www.premiersips.com](http://www.premiersips.com).

Note: ZB OSB SIPs and wood materials can not be used in ground contact applications and must be protected from weather within six months of their field installation.

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