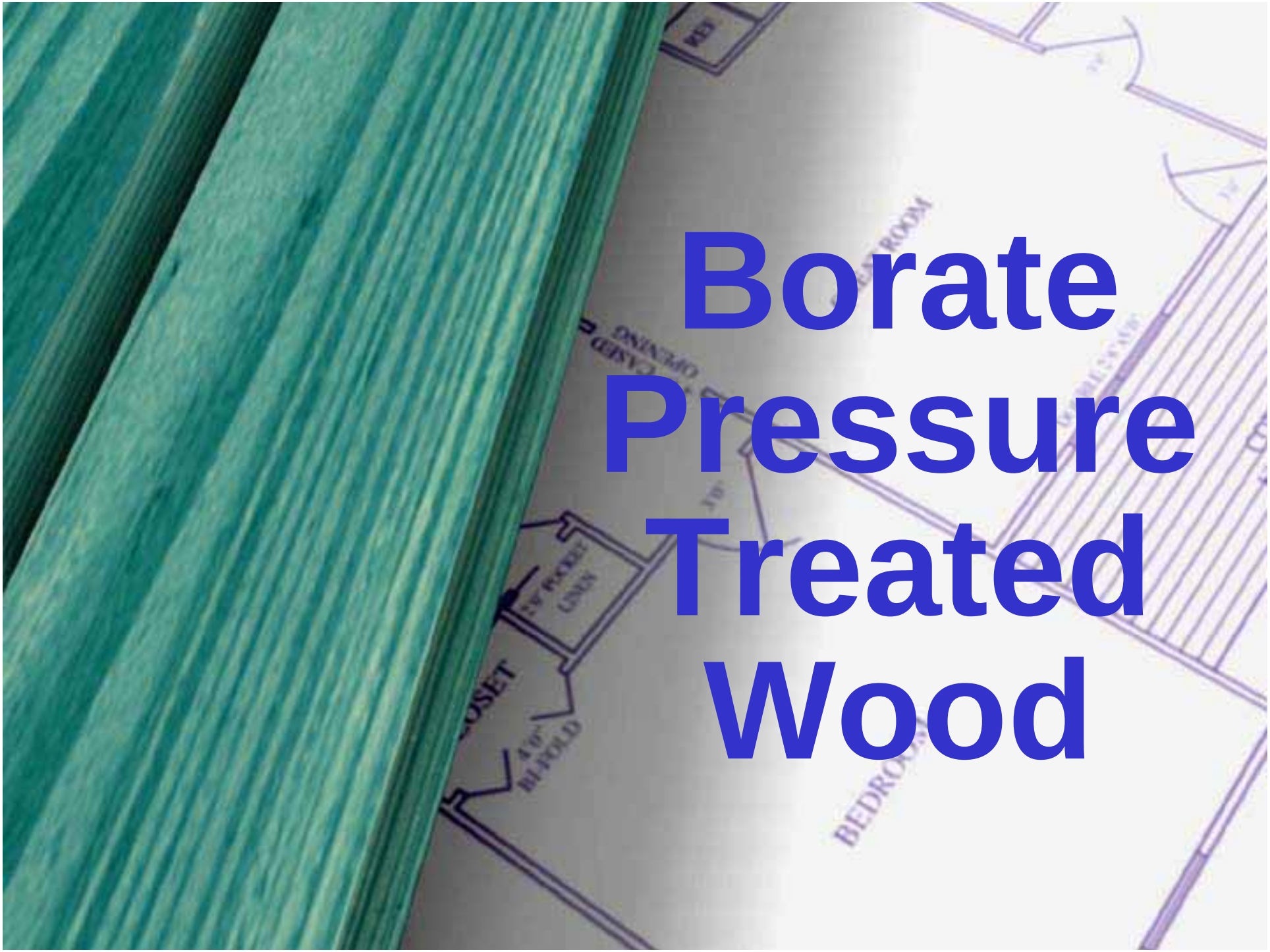
Borate
Pressure
Treated
Wood

Worldwide use of Borate Treated Wood

- Residential construction with borate treated wood began in New Zealand over 50 years ago
- In Southeast Asia and Europe for 20 years

Appropriate for pressure treated framing and plywood sheathing applications where wood is above ground continuously protected from liquid water.

Protects wood from:

- Fungal Decay
- Termites (Formosan and other termites)
- Carpenter Ants
- Wood Boring Beetles



As a broad spectrum insecticide, Borate treated wood used to construct wall systems is also effective in reducing the population of cockroaches

Use in the U.S.

- In Hawaii since 1992 for interior framing & sheathing
- Since 1995,on the west coast, for sill plates
- In 1998 in the southeast U.S. for residential framing, sill plates and furring strips

Borate Treated Framing Program

Borate treated wood is being used in multifamily construction

Common Interior Borate Treated Wood Uses

- Sill plate
- Furring strips
- Buck strips
- Floor joists
- Wet areas: Bathroom, kitchen, laundry room, etc...

Borate Pressure Treated Wood

- All major structural lumber species in the U.S. can be effectively treated
- The treatment is cost effective
- It is accepted by major building codes
- It is non-corrosive
- DOT is a broad spectrum insecticide
- It has very low rate of mammalian toxicity
- It appeals to the environmental building community
- Installed cost of borate-treated framing is lower than steel or concrete

Treated Structural System and Borate Pressure Treated Wood

- Will the threat of formosan termites drive builders and consumers to demand durable framing products? Will they be willing to pay the additional cost (approximately $2.00 per square foot)?
- Will non-structural termite abatement programs succeed in controlling the termites at acceptable levels?
- Can local perceptions and building customs be influenced to convert to TSS (i.e., concrete block construction in Florida)?
- Will governmental and military entities accept TSS as a substitute for steel and concrete on a broader basis than they have currently (i.e., Hawaii)?

Treated Structural System and Borate Pressure Treated Wood

- Will borate treated wood maintain its cost advantage versus steel and concrete?
- Will the availability of KDAT structural borate treated wood meet the demand should it grow?
- Will there be threats from new preservatives that have both strong data packages and building code acceptance?

Thank You