

Technical Data Sheet

PreserveTech® HW (Custom Blend)

PreserveTech® HW is a wood preservative specially formulated for the protection of wood products for applications such as siding, trim, sheathing, shed floors, and engineered wood products such as I-joist, LVL.

The compositions of PreserveTech® HW meets AWPA standard P45 for PTI. For deeper penetration and added protection, additional DOT is added so that the borate can diffuse deep into the wood and provide additional protection against Formosan termites and extreme zone 5 conditions. It is recommended that a quality stain or other coatings are applied as soon as possible to prevent the leaching of the water-soluble DOT if the product is to be used for exterior (exposed) applications. All active ingredients in PreserveTech® HW are listed in the AWPA Book of Standards, and meet or exceed recommended retention levels in either UC1, UC2 or UC3A.

PreserveTech HW active ingredients and retentions

AWPA symbol	Common Name	AWPA Retention (PCF)	PreserveTech HW Retention (PCF)	% of Efficacy satisfied
PTI	Propiconazole/Tebuconazole /Imidacloprid	0.018 (UC3B)	0.018	100%
SBX	Inorganic Boron (DOT)	0.28 (BAE, UC1, UC2, Formosan)	0.1	35.7%
			Combined Efficacy	135.7%

BENEFITS

- Wood treated with PreserveTech® HW is virtually free of warping, checking, and other physical defects.
- Proprietary application technology and QC methods ensure production of quality products with very low labor cost.
- Excellent efficacy.

- Wood treated retains the natural color.
- Optional water repellent reduces water absorption and physical deterioration due to water absorption.

APPLICATION

The application rate for T1-11 panels is 1.7 lbs of ready to use solution per cubic foot when diluted as instructed. If the uptake is different due to temperature or other conditions, the solution strength must be adjusted to ensure adequate preservative active uptake. For other applications, the uptake should be such that the active PTI and SBX retention rates are met. Contact FRCT Technical Service for assistance.

Wood to be treated with PreserveTech® HW must be < 19% moisture content, clean, and free of mold and fungal decay.

MOLD PREVENTION

For adequate mold control, OIT should be added to the treating solution at 200 PMM active Ingredient. Other mold inhibitors may be used as recommended by FRCT or other suppliers.

PRECAUTIONS

PreserveTech® HW is a custom blend of EPA registered pesticides. Use precautions, application, and disposal must be carried out in strict accordance with all Product label requirements. Operators and all personnel come in contact with PreserveTech® HW concentrate, ready to use solution, or freshly treated wood should be familiar with product SDS.

The use of EPA registered pesticides shall follow relevant Federal, State, and local rules and regulations.