



Timber Pro **UV** Internal Wood Stabilizer

Permanent Water Holdout

DESCRIPTION: Internal Wood Stabilizer (IWS) is a clear, nontoxic, watery liquid. It contains a proprietary catalyst that reacts with the acid or alkali present in wood to form a subsurface waterproof gel that hardens to a crystalline barrier, making wood permanently non-absorbent to water and other liquids. Moisture within the wood is one of the primary sources for fungus and decay, and IWS prevents the wood from reaching the moisture levels that are required for fungus and rot to proliferate.

PHYSICAL APPEARANCE: IWS is clear and leaves no apparent film or visual change to the wood. Once it has penetrated, a gel starts to form, which flushes out contaminants and excess tannin. These flushed-out compounds may surface and show as darkening or discoloration. Redwood in particular can darken dramatically, turning almost black in color. Discoloration and tannin bleed can be washed off with our Clean and Brite product or may fade naturally over time.

IWS does not contain any UV protection, so wood will fade and turn silver naturally over time if not top-coated. Penetrating stains cannot be applied to surfaces that have been treated with IWS, but these surfaces may instead be painted once the IWS has had at least 30 days to cure.

USES: IWS is very effective for treating wood that will have direct contact with consistent moisture such as fence posts, garden boxes and planters, chicken coops, horse stalls, and docks or bridges. It is an excellent dimensional stabilizer and waterproofer. IWS is a subsurface sealer, and is not designed for use on plywood, pressure-treated wood, or wood that is intended to be stained. IWS is best used on softwood species such as cedar, pine, fir, spruce, redwood, and cypress.

ENVIRONMENTALLY SAFE: IWS is the perfect choice for those who wish to protect their wood without exposing humans, plants, other living creatures, or the environment to toxic chemicals. IWS has no VOCs or hazardous ingredients. Other nontoxic wood sealers such as beeswax or soft oils need frequent reapplication and also have a tendency to attract dirt, which becomes a food source for mold and mildew.

ADVANTAGES:

- One-time application for permanent protection
- Nontoxic and nonflammable
- Clear, natural appearance with no surface film
- Prevents subsurface penetration of liquid materials
- Enables easier removal of ice and snow

CAUTION: IWS is water-based and should never be applied if air temperature is low enough to freeze the material. Do not apply IWS to glass, glazed surfaces, or aluminum, as etching will occur. IWS is not meant to fill or seal cracks or checks in wood. IWS may not be effective on wood that has been exposed to weather for 5 years or more.

APPLICATION: IWS needs to be able to fully penetrate the wood surface, so any previous paint, stain, or sealers (as well as residue from cleaning or stripping agents) must be completely removed prior to applying IWS. Apply a small test patch of IWS to confirm absorption prior to treating entire area. Liberally soak all reachable sides of wood to be treated. Two liberal coats are recommended, with a minimum of 6 hours dry time between coats. Coverage varies from 150 to 250 sq ft per gallon per coat.

LIMITED WARRANTY: Timber Pro Coatings, USA believes this information to be true to the best of our knowledge. IWS is of the highest quality and is uniform within manufacturing tolerances. Since no control is exercised over product use and suitability, no warranty, expressed or implied, is made as to the suitability of products for a particular use or as to the effect of such use, and no liability is assumed, directly or indirectly. Buyers are encouraged to conduct their own tests prior to application.