

FASTENER REQUIREMENTS THERMALLY MODIFIED WOOD

In the realm of sustainable architecture, Thermally Modified Wood is a favored material. Unlock its full potential and guarantee structural integrity with the appropriate fasteners.



REQUIRED FASTENERS

Stainless steel nails and screws (grade 304/18-8) are required for exterior applications and recommended for interior use. Their corrosion resistance will keep cladding free from iron stains and structurally sound.

When it comes to coastal applications, a 316 grade of stainless steel fasteners is required to protect against salt corrosion.



WHAT CAUSES THE STAINING?

Iron stains are initiated as a result of a chemical reaction between the wood's tannins and the iron in the fasteners. These stains not only mar the wood's appearance but can also compromise the structural stability if ongoing corrosion persists.



ADDRESSING IRON STAINS

To remove the rust stains, dissolve 4 oz. oxalic acid in 1 cup warm water. Gently scrub stains with a soft bristle brush and rinse. Wear protective glasses and gloves and avoid the solution from splashing anything adjacent. If stains have deeply penetrated the wood, boards may need to be replaced.



DON'T HESITATE TO ASK

Questions about Thermally Modified Wood and what fasteners to use? Reach out to your local expert or distributor or contact us at: ufpEDGE.com/contact-us