

FSC® Rain Screen Systems



We are extremely excited and proud to partner with two industry leaders in offering FSC® certified rain screen siding systems for your commercial or residential application!

Dasso has been the global leader in the development of cutting edge bamboo products. This continues with their production of Dasso XTR bamboo rain screen. For even more scope and variety of species, Sterritt Lumber and Iron Woods have joined forces to offer a sustainable and durable rain screen system called Vanish Rain Screen.

The rain screen is the siding itself but the term rainscreen implies a system of building. Ideally, FSC® rain screen prevents the wall moisture barrier on sheathing from getting wet. Traditional horizontal rain screen siding has long been recommended for improved airflow, allowing air to move vertically behind the siding and moisture to evaporate. This significantly improves the service life of a building envelope and coating performance.

There are a number of sustainable wood siding species that are appropriate for FSC® rain screen wood siding installations. Including FSC® Bamboo, high density hardwood siding materials such as FSC Ipe, FSC® Cumaru, FSC® Garapa, and FSC® Machiche are excellent wood siding material options for your rain screen wood siding installation.

We invite you to click on the following pages to find out more about both Dasso and Vanish Rain Screen systems. These remarkable products will add tremendous value to your home or commercial application, and they are all available through Sterritt Lumber!

Dasso XTR FSC® Bamboo Rain Screen



At Sterritt Lumber, we realize that characteristics like quality and durability make exterior projects popular among architects, contractors, and homeowners. We are proud though to offer a product that also brings traits like low maintenance upkeep and sustainability into the mix! We are proud to present to you certified and sustainable Dasso.XTR Bamboo Rain Screen!

One reason many people turn to FSC® Bamboo for their exterior projects is that it is one of the most environmentally friendly and sustainable building materials on the market today. Bamboo is a fast growing grass, and because it is a grass, and not wood, its stems can be harvested every five or six years. By comparison, most hardwoods must grow for fifty years or more before they can be harvested.

FSC® Bamboo products manufactured by Dasso have been sold to make certified bamboo decks and siding all over the world. It is the only product that has a successful track record in both commercial and residential new construction.

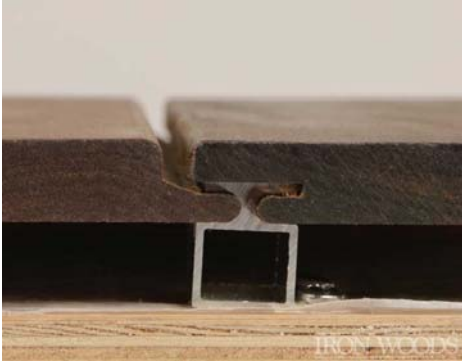
This cutting edge manufacturer offers a revolutionary process that sets its products apart: Dasso's FSC® Bamboo is "fused." How does Dasso's fused bamboo differ from that of other manufacturers? Fused bamboo is the result of a patented manufacturing process. To be installed properly, all bamboo needs to be heat treated before it can be used outside. When bamboo is heat treated it gets very brittle. FSC® Dasso has patented a process that heats the bamboo a second time. This second heating stage melts a natural glue in the grass that returns it to its original brittle state. This additional stage of heating ultimately compresses the bamboo by over 800 percent of its original size resulting in an incredibly durable product ready to take on the worst Mother Nature has to offer!

When it comes to using this product as rain screen, it just makes perfect sense in so many ways. Rain screen walls have an airspace between the siding and the building paper or house-wrap. This airspace is created by applying vertical strips over the drainage plane material. The siding, typically clapboards, is nailed to these strips.

The space in a rain screen wall provides a capillary break, stopping water driven behind the siding from ever reaching the drainage plane. Vented top and bottom, the siding has a way to dry from the water that does get behind it.

Add sustainability, durability, strength, and a low maintenance approach to this very practical siding concept, and you have one of the most amazing building materials on the market today.

The Benefits of Using FSC® Rain Screen Siding



We are thrilled to source such a versatile and valuable siding innovation as rain screen in various styles and options! It is beautiful, durable, sustainable, and very effective at adding value to your home or commercial project. Are there other benefits to the installation of this innovative building material?

The advantages of rain screen are incredible! Whether you are installing a Vanish system manufactured by Ironwoods, or one made of bamboo as produced by Dasso, the benefits of this innovative siding are many and impactful. Rain screen systems manage moisture, and this management of this ultimately controls the life cycle of a structure. We invite you to read on as we detail even more advantages to this innovative concept!

- * Rain screen systems reduce the occurrence of mold and mildew through natural ventilation concepts.
- * The need for grouts and sealants is significantly reduced, and therefore building maintenance costs can be cut.
- * Rain screen systems are suitable for both new construction and renovations.
- * Insulation design can be optimized using rain screens. This can reduce the humidity within a structure.
- * Rain screen systems are the most effective method of rain penetration control!
- * Rain screens control the capillary action of the rain by controlling the wind pressure of the building.
- * Any remaining moisture left within the cavity safely evaporates through channeled air movement.

Rain screen systems are the wave of the future. Well, they certainly help channel any waves that is for sure!

Your FSC® Rain Screen Questions Answered



With any innovative product comes questions of its function and its most effective application. Because of the natural curiosity with regard to this wonderful product, we thought we would anticipate and answer some of your most pressing FSC® certified rain screen questions...

*** Why would I want to install an FSC® certified rain screen system?**

Rain screen gaps help walls manage moisture. A rain screen gap helps to dry the sheathing, which may accumulate moisture during cold weather. It also helps to dry the siding when it is soaked by the elements.

*** How is a rain screen siding system better than conventional siding installations?**

With today's extremely weather-tight buildings and homes, moisture, mold and mildew get trapped between the siding and the vapor barrier creating an unhealthy environment that fosters decay. Often, this moisture extends inside the home or building creating further health hazards. A rain screen system allows all of this moisture to dissipate naturally, minimizing mold, mildew, rot and unhealthy situations from thriving.

*** Why are hardwoods optimal for a FSC® rain screen system?**

Ultimately, the best exterior application makes the best rain screen. High density hardwood siding, FSC® Certified wood siding, or conventionally harvested wood siding all can be effective in these systems.

*** Are rain screens examples of “green building” practices?**

Yes. Rain screen siding systems are considered a sustainable design best practice because they extend the life cycle of the entire building and building envelope. At the same time, a properly designed rain screen siding systems promotes health, safety and welfare considerations as defined by the AIA (American Institute of Architects). Sterritt Lumber's offerings, bamboo (Dasso XTR), and hardwoods (Ironwoods) are sustainable and in many cases FSC® certified.

We welcome answering any of your other more detailed questions about this amazing innovation. Call us at Sterritt Lumber today and see how quickly your residential or commercial project can be outfitted with a rain screen system!