

From: Mark Harris <mark@espirehomes.com>
Sent: Monday, January 24, 2022 1:53 PM
To: Mike Warecki <mwarecki@heartlandfunds.com>
Cc: Rebecca Brown <Rebecca@espirehomes.com>; Mandi Zagrodnik <mandi@thirdelementmarketing.com>
Subject: Re: RE: 287 - Warecki - Weekly Job Status Update (12/16/21)

Mike,

I talked with Lauren Parsons, our account representative from Drexel about the wood siding. She has told me that is a substantial increase in cost to go to the true wood siding. Not only just for the material cost of the wood, but there is a special framing that has to be used behind the wood siding. This is so the back side of the wood, which touches the house, can breathe. This is a necessity when you are using true wood siding. **This is a minimum increase of \$20,000+** due to again, material differences and framing differences.

Wood exterior windows are something that is just as problematic as wood siding. True wood materials exposed to the elements, even when coated and finished, can result in longer term maintenance issues & costs. Wood siding will have to be maintained about every 3-5 years, where LP siding will have roughly a 15-20-year maintenance update and that is going to most likely be due to you wanting to change the color. Wood windows that are exposed to the elements will warp and not close properly if the maintenance of those windows is not upkept properly.

Bottomline, if you want to have a wood window on the interior, that is fine, but a vinyl or fiberglass window on the exterior is the best for the WI climate. As for the siding, vinyl siding, cement board siding or the LP composite siding is the way all of our builds are being done at this time.

I hope this all makes sense and I can talk through any of it via phone call if necessary.

Best regards,

Mark Harris

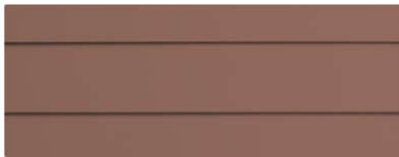
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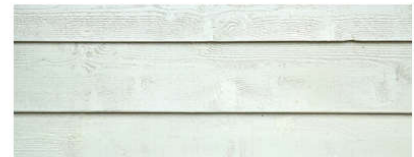
Engineered Wood

As the most durable siding on the market, [engineered wood](#) combines the aesthetics of real wood with engineered wood strand technology for superior durability. Withstanding the passage of time, it's a great choice for versatile applications.



Vinyl Siding

[Vinyl](#) is a popular choice, thanks to its affordability and little need for maintenance. It is not one of the durable siding types, however, as it offers relatively low impact resistance and can be prone to cracking, melting and buckling.



Fiber Cement

[Fiber cement](#) is a versatile option that fits many different building styles—though it can be difficult to maintain in climates with excessive moisture or frequent freeze/thaw cycles, conditions that can cause breaking or cracking.



Traditional Wood

[Traditional wood](#) offers aesthetic charm, but it is prone to durability challenges associated with a naturally biodegradable material. It can be subject to damage from moisture and termites that leads to rotting and warping. It also requires frequent painting or staining.



Cedar Shake

While it boasts a rustic appearance similar to traditional wood, cedar shake siding is a more durable siding type that also offers natural insulating properties. It also requires much more maintenance than any other top of wood siding.



Aluminum

Aluminum siding is usually made from aluminum coil stock, which can make it a durable siding type—though one that doesn't always stand up to weather elements. It can be susceptible to dents and dings and requires frequent painting.

HOW ENGINEERED WOOD PREVENTS DAMAGE

The secret to LP SmartSide Trim & Siding's remarkable durability is LP's proprietary SmartGuard® manufacturing process. It ensures that every strand of wood is treated with a carefully formulated mix of resins, waxes, and zinc borate and finished with an overlay to offer complete protection against hail, moisture, termites and fungal decay.

Zinc Borate

This naturally derived additive helps engineered wood resist damage from termites and fungal decay.

Waxes

Designed to resist moisture, waxes coat each strand to offer enhanced durability in humid environments.

Resins

Engineered wood stands up to impact and survives freeze/thaw cycles due to resins that offer incredible strength.

Overlay

This final element of protection resists moisture intrusion, providing a durable base for a finished look.



WHY YOU CAN BELIEVE IN LP® SMARTSIDE®, PART 6: SUSTAINABILITY

At LP, we understand that sustainability is a significant concern for many builders, contractors and homeowners. Sustainability is a priority for us too, which is why we are committed to manufacturing siding options that minimize impact on our health and the environment for the entire life cycle of the material.

The growth and development of our communities has a large impact on our natural environment. Let's take a look at the features that make LP® SmartSide® Trim & Siding a smart choice for green building.

Naturally Sustainable Siding Options

The LP SmartSide manufacturing process begins with a renewable resource: wood. All wood used is grown and gathered under strict Sustainable Forestry Initiative® (SFI) standards. To remain SFI-certified, all of our forest management and fiber sourcing programs must be managed for multiple environmental, social and economic values that will benefit our world now and into the future. We're not just building for the future, we're helping to protect it by actively investing in reforestation and the preservation of wildlife habitats.

We source fast-growing trees and use 99% of the log for either the product or for fuel to make it. Plus, all binding agents and resins used in LP engineered wood siding panel, lap, trim, etc., are low-emitting and safe for children and pets. You can be confident that LP products installed on a home or other structure are sourced and produced sustainably.

A Smart Choice for Our Planet

Many homeowners and building owners are demanding sustainable products that have minimal impact on our environment. LP SmartSide is a must-have material to help builders qualify for green building programs. Learn more about LP's environmental programs at www.LPCorp.com.

Read the previous installments of this blog series with additional information about the benefits of LP SmartSide engineered wood siding options. Learn about the beautiful finish and textures, the proven durability of treated engineered wood, the industry-leading **5/50-year limited warranty**, the superior impact and termite resistance, and the **ease of installation**.

LP® SMARTSIDE® TRIM & SIDING
INDUSTRY LEADING WARRANTY

LASTS LONGER.

LP® SmartSide®
5/50 YEAR LIMITED WARRANTY

5-YEAR, 100% LABOR & MATERIAL REPLACEMENT
LP will cover 100% of the labor and material cost in the event of a siding replacement in the first 5 years.

50-YEAR PRORATED MATERIAL REPLACEMENT
After the first 5 years, LP will cover a portion of the material cost in the event of a siding replacement until the 50th year.