

## Residential Application of LP® SolidStart® LVL for Strength and Durability in Modern Coastal Homes



### Acevedo Construction Relies on LP Building Products for High-Performance Framing Products

#### SUMMARY

Joseph Acevedo, president of Acevedo Construction, is a licensed contractor specializing in contemporary custom home framing in and around Del Mar, California.

In May 2015, Acevedo began a framing job on two oceanfront properties with contemporary qualities such as long straight lines, sharp angles and demanding finishes. In order to achieve the modern aesthetics and heavy load requirements, Acevedo set out to find the highest-quality framing product on the market.

#### OBJECTIVES

The Acevedo team set out to build two contemporary coastal homes that were approximately 2,400 square feet each with unique characteristics:

- Both homes would feature very demanding finishes with heavy tile and stone in the bathroom as well as the exterior and interior living spaces, requiring a framing product that could meet the engineering requirements of the house
- With no crown molding to hide uneven walls, the frames of the walls would need to be perfectly straight with no room for errors
- The homes also had to be built sturdy enough to endure coastal weather conditions, resisting swelling or mold growth due to moisture exposure
- Lastly, the homes needed to use a sustainable building product that would meet the company's standards of ethical sourcing

Acevedo relied on his trusted local dealer, Pinetree Lumber, for a recommendation. His dealer recommended LP® SolidStart® LVL to provide strength, stiffness and long lengths in the custom homes. He also depended on LP sales representative Ryan Mitchell, who was involved in the design phase as well as throughout the bidding process and eventually on the job site.

*"The installation process was very easy. We were able to save labor time since we did not have to go back and adjust the LVL. There was no movement or shifting of the beams."*

*Joseph Acevedo, President of Acevedo Construction*



#### IN BRIEF

##### LOCATION

Del Mar, California

##### PROJECT SUMMARY

Acevedo Construction specializes in custom home framing in Del Mar, California. They recently used LP® SolidStart® LVL for the framing of two contemporary coastal homes that featured very modern lines, long spans and demanding finishes requiring very straight framing and exact measurements. In addition, the homes had to be built to withstand coastal weather conditions.

##### WEBSITE

[www.acevedoconstruction.net](http://www.acevedoconstruction.net)

##### PROJECT OBJECTIVES

- Identify and specify EWP framing products that would provide dimensional stability, strength and longer lengths with straight lines and reliable measurements for two modern homes
- Find a quality, sustainable framing product that wouldn't twist, bend or warp due to moisture exposure

##### SOLUTION

After assessing the demanding needs of the home, Acevedo decided LP SolidStart LVL had the dimensional strength, accurate measurements, straight lines and long lengths that were required to frame the two coastal homes. In addition to having true measurements and durability, the SiteCote wax coating on LP SolidStart LVL prevented any moisture issues.



Acevedo's decision to use LP SolidStart LVL also supports his company's commitment to sustainable building products, since the wood was sourced through programs certified under the Sustainable Forestry Initiative®.

#### IMPLEMENTATION

Acevedo installed LP SolidStart LVL throughout both houses in the roof, floor and walls. The long length of the LVL was perfect for the long spans throughout the home.

Acevedo was also impressed with the accurate measurements of LP SolidStart LVL, which is a crucial requirement for the types of contemporary homes he builds.

Because of its water-resistant coating, LP SolidStart LVL provided peace of mind for Acevedo during days with higher moisture. He was impressed with its ability to resist warping, twisting and shrinking—all of which can lead to unsightly builds or costly repairs.

#### OUTCOME

Acevedo was thrilled with the performance of LP SolidStart LVL and plans to use it on all contemporary builds in the future. LP SolidStart LVL provided the strength, stiffness and weather resistance that Acevedo was ultimately hoping for. In addition to the dimensional strength, it provided straight, accurate lines and was both easy to install and sustainably sourced. Because of this, he says he would certainly recommend LP SolidStart LVL to any framer looking for the highest quality LVL on the market.

"The installation process was very easy," said Acevedo. "We were able to save labor time since we did not have to go back and adjust the LVL. There was no movement or shifting of the beams."

Acevedo also found peace of mind knowing that LP SolidStart LVL was backed by a lifetime limited warranty, a benefit not offered by traditional lumber.

He has since been awarded new jobs after bringing potential customers by the two Del Mar job sites to demonstrate the dimensional strength and stiffness of LP SolidStart LVL.



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