



AURORA

Flash Feature of the Week!

The Truth About Sidewall Construction

Traditional vs Laminated.

Traditional Construction: We know its good because its done in house!

In house construction means we control the quality of our walls!

Laminated walls are built in specific plants for the lamination process, often times building for more than one brand!

Sidewall Construction Jigs



- ✓ **Quality Control** – We can see our sidewalls and do quality inspections.
- ✓ **Consistency** – The jigs or specifically engineered for each floor plan.
- ✓ **In House** – We build our walls in our own plant. This affords us the ability to determine quality and unit readiness.

Angle Irons/X-Bracing



- ✓ **Angle Irons** – Ensure a square slide out opening.
- ✓ **X-Bracing** – Additional support to the sidewall slide out framing.

This is another example of the **quality control** afforded to us because we build our walls in **our** plant

Sidewall Spec's



- ✓ **16" On Center Average** – Studs are spaced 16" on center on average to ensure the best support for the sidewall.
- ✓ **Screwed To The Floor** – Our side walls are screwed on top of the floor.
- ✓ **Glued Panels** – Our interior wall panels are glued and stapled to the side wall framing to prevent bowing or separation.

Debunking the Myths Surrounding Traditional Built Construction.



Myth: Aluminum side is harder to clean.

Fact: A pressure washer will clean aluminum siding just as well as it will a smooth laminated sidewall.

Myth: Aluminum sided trailers are “cheap”.

Fact: While traditional construction often is priced less than a laminated trailer there is nothing “cheap” about our construction or materials. In fact, over time the ability to easily repair and access the interior of your walls with a traditional trailer can save you a lot of money in potential repairs or renovations.

Myth: Aluminum sided/Traditional construction is way heavier than laminated.

Fact: In most cases when comparing similar floor plans (i.e. layout and lengths) the weight difference is minimal and rarely leads to the need for a different tow vehicle.

The Pros to Wood Framed Aluminum Sided Construction

- ✓ **Easier Maintenance**
 - Easy access to the interior for DIY or affordable maintenance.
 - Aluminum panels can easily be replaced if damaged.
- ✓ **Natural Insulator**
 - Wood is a natural insulator from the elements and acoustics.
- ✓ **Consistent Fit**
 - Metal panels are secured to each wood stud ensuring consistent fit and look; no “waves” or seams.
 - The metal S-Lock secures each piece of metal to the other without creating openings for water.
- ✓ **Support and Alterations**
 - Wood studs allow added support for cabinets, interior walls, ect.
 - Wall outlets and electrical can be run through wood framed walls without added cost or special construction.
 - Wood framing in the walls offers the support needed for personal alterations or additions after purchase.
- ✓ **Flex**
 - Wood framing allows for flex minimizing possible stress damage from the unpredictability of the road.
- ✓ **Long Lasting**
 - Automotive paint on the metal panels decreases fading.
 - Limited threat for reoccurring construction related issues.
 - No threat of delamination.

Two Sides to Every Story: Laminated Wall Downsides

X Delamination

- Delamination is the separation of layers within the fiberglass wall
- This often leads to bubbling or cracked walls
- Repairs kits are available to “Band-Aid” the wall, but a true fix can only be done by replacing the wall itself.

X Underwhelming Repairs

- If a repair needs to be done to the wall for any reason it is often a patch or temporary fix.
- This will effect the value of the trailer as it can never be “like new”

X No In-House Quality Control

- As previously stated; Lamination is often done in its own facility and is always done for more than one brand.
- Aside from seeing inconsistencies prior to installing the sidewall A laminated brand has very little quality control regarding the wall construction. They have to trust the lamination facility.
- Speaking of the lamination facility. They are relying on machines functioning properly. The lamination process is also very sensitive and everything from temperature to cleanliness can effect a side walls quality.

X Outlet Placement/Wiring

- Laminated walls rarely have the ability to thread wiring through the walls. This means everything has to be threat through the floor or ceiling. This means tougher access to the wiring in the even that something needs to be checked or fixed.
- Outlets are rarely found on the end walls of laminated units due to the aluminum framing. This leads to less convenient locations for outlets. Especially in kitchens!

X Lack of Customization

- Wood framing allows you to locate a stud and hang pictures, coat hooks and even your own shelves or cabinets if you would like. Aluminum framing doesn’t offer that option. If the framing is not wood-cored there is nothing for the screws or nails to grip on the side walls.