US LINER Company

THERE IS ONLY ONE LEADER IN THE INDUSTRY. THERE IS ONLY ONE NAME TO SPECIFY: **US LINER COMPANY**

US Liner is proud to announce the NEW Versitex

Integral Wall

Now available direct from US Liner

US Liner (USLCO) developed and manufactured the first integral wall back in 2001. Since then, USLCO continues to improve its reinforced composite materials by providing the strongest, lightest and best performing liners designed to extend the life of your equipment and create higher resale value. Today, backed by customer demand, the Versitex Integral Wall is available again direct from US Liner.

US Liner has been manufacturing Bulitex and Versitex for almost 15 years, and has changed the way manufactures view traditional usage of materials like wood, steel, aluminum and FRP. USLCO has evolved to be leading composite materials science company that utilizes extensive research with real world application history to produce materials that make your products simply last longer.

Specify Integral Wall directly from US Liner

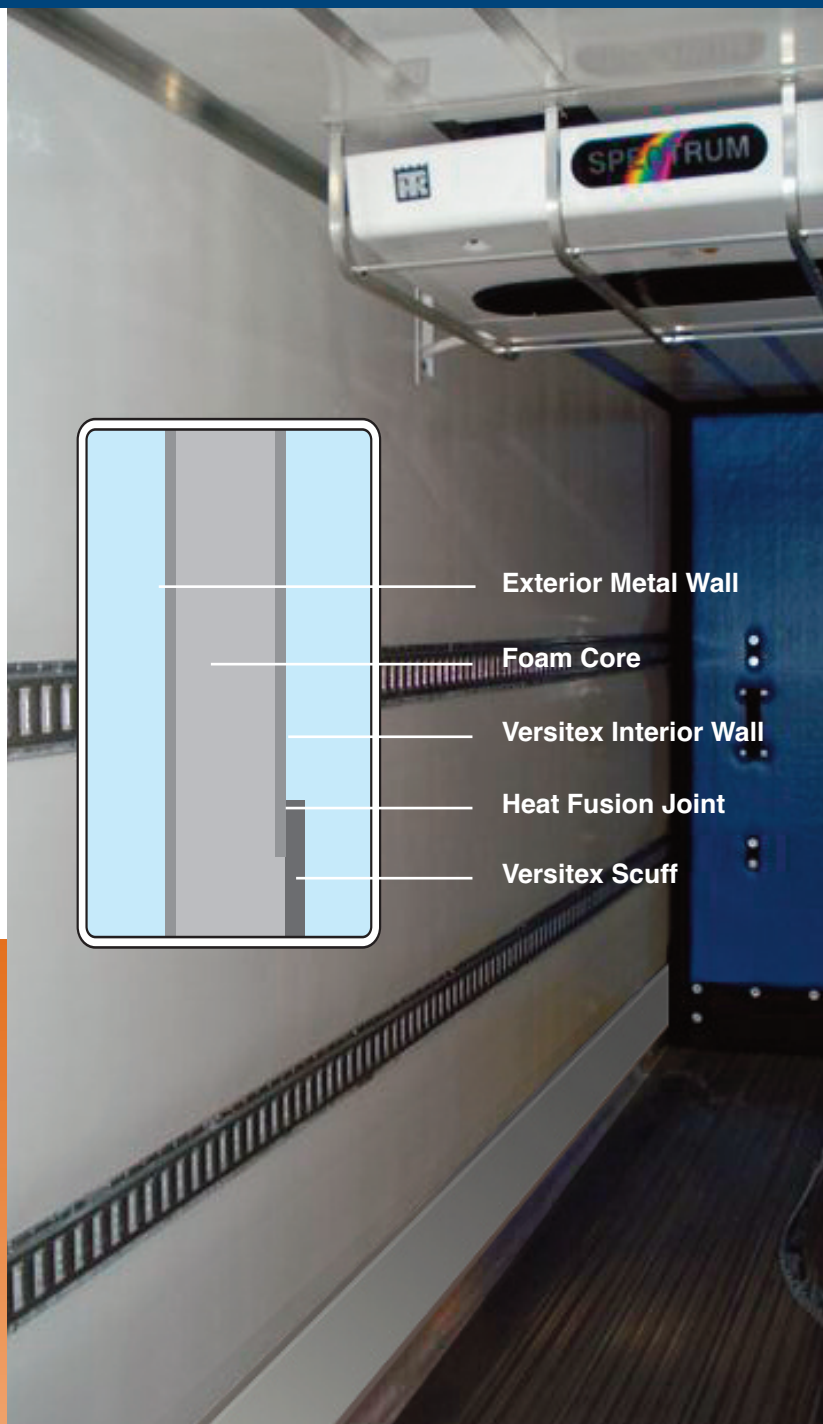
- Full length, single piece construction for easy installation
- Highest bond/peel strength between wall and scuff liner
- Utilizes bi-directional or woven continuous glass for Highest Impact Strength
- Excellent Abrasion Resistance
- Lightweight
- Quick & Easy Repair – No harmful chemicals
- Easy to clean
- Environmentally Safe – No styrene's or VOCs
- Best in class Foam Adhesion
- Low Cost

Be sure to specify US Liner

USLCO prides itself on providing material options to maximize customer expectations. This includes the ability to choose from the variety of materials offered, including Versitex, Bulitex, Bulitex Hybrid and Ecotex for your integral wall. USLCO also provides the highest bond strength between the wall and scuff liner regardless of your choice between a full face or the standard 2-3" heat fusion joint. (Note: Only the 2-3" heat fusion joint is available on scuff greater than 12").

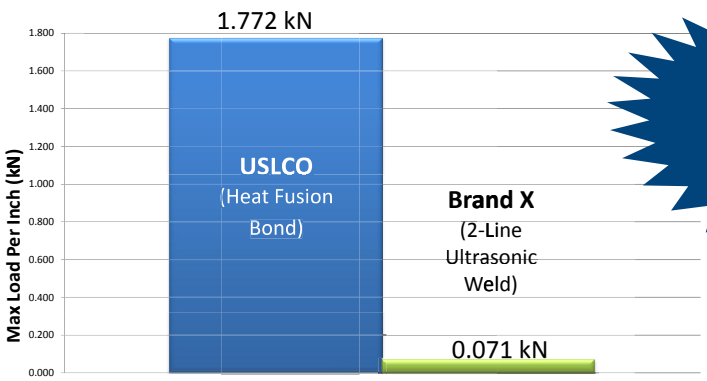
Optional specifications

Contact the Sales Department at US Liner for custom specifications, including the use of **Bulitex, Bulitex Hybrid** and **Ecotex** materials for use in the USLCO integral walls.



BOND STRENGTH

USLCO offers best weld joint currently on the market

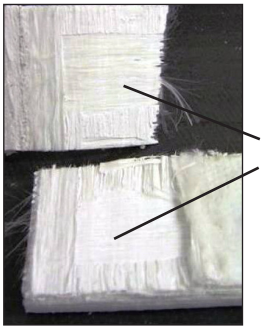


25X STRONGER

Bond strength was tested using 90-degree peel on a universal tensile machine by peeling the wall off from the scuff.

USLCO INTEGRAL WALL

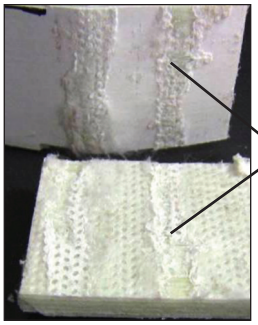
Heat Fusion Joint Bond – No Ultra-Sonic



The cohesive failure of substrate indicated that the bond is stronger than the substrates themselves.

BRAND X INTEGRAL WALL

Ultra-Sonic Weld



Failure mode at interface and scrim layer indicated that the 2-line Ultra-Sonic weld was very weak. Ultra-Sonic weld line acts as a crease which concentrates the forces and allows easy bending and pre-cracking, further weakening the assembly's integrity. In addition, the top connection between wall and scuff is "NOT" welded leaving areas for material and moisture build-up.

SPECIFY USLCO PRODUCTS AND ORDER DIRECT FROM MANUFACTURER

US Liner has perfected the attributes of:

1. Layer Orientation
2. Glass Chemistry, fiber size and diameter, bundle size
3. Lamination Process – Consolidation and Pressures Achieved
4. Polymer Matrix
5. Additives

It is these qualities and the history of proven performance that is the driving force for the standard specification of leading OEMs with US Liner materials.

US LINER Company

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