



## TLS Vanity Units & Troughs



### Introduction:

At Total Laminate Systems, we specialise in creating premium vanity units and wash troughs tailored to meet your exact specifications. Each of our products is expertly crafted using only the finest materials and finishes to ensure exceptional durability and aesthetics.

Our bespoke vanity units are available in a variety of top-quality materials, including high-pressure laminate, solid grade laminate, and solid surface, offering flexibility to match your design preferences and functional requirements. For wash troughs, we exclusively use solid surface materials, delivering a sleek, seamless finish that combines elegance with practicality. With a wide range of customizable depths and widths, our products are designed to fit perfectly into any space, ensuring they meet the unique needs of your project. Total Laminate Systems provides the ideal combination of style, functionality, and precision craftsmanship.

Explore the possibilities with Total Laminate Systems – where bespoke design meets exceptional quality.

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#### **TOTAL LAMINATE SYSTEMS LTD.**

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## TLS Vanity Units & Troughs

### Applications:

At Total Laminate Systems Ltd, we specialize in providing high-quality vanity units designed to cater to a wide range of environments and specific requirements. Our versatile range of materials ensures that we can deliver the perfect solution for your needs, whether it's for wet environments, high-use areas, or premium, hygienic spaces.

Our Solid Grade Laminate vanity units are the ideal choice for wet environments and areas subject to high use or potential abuse.

Our High Pressure Laminate vanity units offer a cost-effective solution for dry environments where durability and aesthetic appeal are still important.

For high-end environments, our Solid Surface vanity units and troughs provide unparalleled elegance and performance.

### Features:

**Vanity units / Troughs have many features including the following:**

- Vanity tops are made available in 3 different core materials
- Wash troughs are made to bespoke lengths / widths to suit deck mounted or wall mounted taps
- Vanity tops can be provided with postformed upstands and down-stands
- Access panels can be provided with hinged and lockable access (CAM or Security locks)
- Vanity units / Troughs can be supplied on base units or wall mounted brackets
- FSC certified products can be supplied to assist with BREEAM requirements
- Vanity units / panels are not modular and made bespoke to suit various lengths / depths
- Can be manufactured to suit various height requirements
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### Dimensions:

- **Inset Tops:** 550mm / 600mm deep x various widths made to measure (with or without upstands)
- **Semi Recessed:** 300mm / 350mm deep x various widths made to measure (with or without upstands)
- **Troughs:** 350mm upto 500mm deep troughs x various widths made to measure (to suit deck mounted or wall mounted taps)

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### Material (High Pressure Laminate):

High-Pressure Laminate (HPL) is a durable, decorative surface material made by bonding multiple layers of paper under high heat and pressure. It is widely used in various applications, particularly in furniture, countertops, wall panels, and washroom cubicles due to its resilience and aesthetic versatility.

### Durability:

HPL is resistant to impact, scratches, moisture, and heat, making it ideal for high-traffic and demanding environments.

### Versatility:

It comes in a wide range of colours, patterns, and finishes, including wood grains, metallics, and solid colours.

### Maintenance:

It is easy to clean and maintain, as the non-porous surface resists stains and bacteria.

### Cost-Effectiveness:

HPL provides an affordable alternative to natural materials, offering a similar appearance with enhanced performance.

**Because of these properties, High-Pressure Laminate is a popular choice in various industries, especially in applications where both durability and aesthetics are important.**



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### Material (Solid Grade Laminate):

Solid Grade Laminate (SGL) is a high-performance material widely used in environments requiring durability, hygiene, and resistance to moisture and impact. It's made by compressing multiple layers of kraft paper impregnated with phenolic resin and topped with a decorative surface layer, which is treated with melamine resin for additional strength and protection.

### Durability:

SGL is highly durable, capable of withstanding significant impact, abrasion, and heavy use, making it ideal for high-traffic areas like schools, hospitals, and leisure centre's.

### Moisture Resistance:

The phenolic resin core and melamine surface layer give SGL excellent resistance to moisture, making it suitable for wet environments such as bathrooms, shower cubicles, and laboratory worktops.

### Hygiene:

The non-porous surface of SGL prevents the growth of bacteria and fungi, making it a preferred material in areas where hygiene is crucial.

**In summary, Solid Grade Laminate is a durable, moisture-resistant, and versatile material, ideal for demanding environments that require both strength and aesthetic flexibility. Its solid construction and high resistance to wear and chemicals make it a preferred choice for many commercial and institutional applications.**



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### Material (Solid Surface):

Solid surface materials are a versatile and durable option widely used in countertops, sinks, and other applications. These materials are primarily composed of a blend of natural minerals and acrylic or polyester resins, providing a seamless, non-porous surface. The manufacturing process involves several critical steps, ensuring high-quality and customizable products.

### Quality Control:

Throughout the manufacturing process, rigorous quality checks are conducted to ensure uniformity in color, texture, and performance characteristics.

### Customisation:

Solid surface materials can be customised to meet specific design and functional needs. The material's pliability allows for thermoforming, enabling the creation of curved and intricate shapes. Additionally, inlays, edge treatments, and integrated features like sinks and backsplashes can be incorporated seamlessly.

### Environmental Considerations:

Many manufacturers are adopting sustainable practices, such as using recycled materials in the production process or optimizing manufacturing to minimize waste. Solid surface materials are also repairable and renewable, extending their lifecycle and reducing environmental impact.

**By combining innovative materials and precise manufacturing techniques, solid surface products continue to be a popular choice in various industries, offering durability, aesthetics, and functionality.**



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