Poly-Tuf

Benefits:
• Non-absorbent: no swelling, rotting, or water discoloration
• No Irritating and harmful fiberglass dust
• Hygienic: does not contribute to "sick building" syndrome
• Chemical Resistant: not affected by acids, harsh chemicals, or petroleum products
• Scratch Resistant: extended product life

Applications:
• Car/Truck Washes
• Bathroom Walls
• Hotel Tub Kits for Renovation
• Tub Enclosures above Tub Kit
• Laundry Rooms
• Commercial Utility Rooms
• Commercial Rest rooms
• Commercial Kitchens
• Break Rooms
• Shelf Liners

Tools Required:
• Fine-toothed hand or power saw
• Utility knife
• Caulking gun
• Level
• Safety glasses
• Notched trowel
• Hole saw
• Tape measure

Other Quality Products from H&F Manufacturing Corp.
• Phase-2® PVC Panels
  For siding, roofing, and louver panels in flat and corrugated profiles for industrial projects
• Phase-2® PVC AG-TUF
  For agricultural and industrial projects
• Phase-2® PVC Palight
  PVC foam sheets for displays, exhibits, plus interior walls and ceilings
• UNITREX® Ultra R and Ultra 9
  For industrial and commercial siding and roofing projects
• UNITREX® Sunsky
  Clear and translucent polycarbonate panels
• UNITREX® Suntop
  Foamed, corrugated polycarbonate
• UNITREX® Sunlite
  Multi-wall structured polycarbonate for residential, industrial, institutional, and commercial use
• Accessories
  Flashing, fasteners, closures, sealant, extrusions and more

H&F Manufacturing Corp.
Servicing our customers with quality products and service since 1973
171 Railroad Drive • Ivyland, PA 18974
800.474.2732
Tel: 215.355.0250 Fax: 215.355.4066
www.hfmfgcorp.com

The waterproof panel that cleans up easily, absorbs scratches and is great for many applications for both home and industry
The Waterproof Panel that Cleans Up Easily:

Poly-Tuf Panels are designed for a wide variety of residential, commercial, industrial, and agricultural applications. The waterproof material is excellent for use around pools, car and truck washes, and other wet environments. Poly-Tuf Panels meet USDA guidelines for food contact and food processing, making the material ideal for restaurant applications. It’s also perfect for farms since the material in Poly-Tuf is safe for animals. Easy to install, easy to clean, easy to maintain, and easy to see why Poly-Tuf is the first choice for wall and ceiling liner panels.

Economical and Tuf:

Poly-Tuf Panels are made with recycled plastic, an inexpensive material compared to fiberglass panels. The fiberglass-free formulation is resistant to chemicals and won’t support the growth of mold or mildew. Scratches don’t show because the color goes all the way through the panel.

Applying the Panels:

General: Poly-Tuf Panels are intended for interior use only, not for exterior use. Make sure panels are clean and dry. Clean with general household cleaners, wiping in one direction only.

Adhesives: Latex or water-based adhesives are recommended. Follow adhesive manufacturer’s directions. Spread adhesive with notched trowel over the entire back side of panels, leaving no areas uncovered, to assure a proper bond.

Pre-Drilling: If using plastic rivets, pre-drill 3/8” diameter holes in panels to allow for thermal movement, then drill 1/4” diameter holes into wall to accept rivets. Follow rivet manufacturer’s directions.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>ASTM TEST</th>
<th>TYPICAL VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Absorption</td>
<td>D-570</td>
<td>0.06%</td>
</tr>
<tr>
<td>Flame Spread</td>
<td>E-84</td>
<td>105</td>
</tr>
<tr>
<td>Smoke Developed</td>
<td>E-84</td>
<td>435</td>
</tr>
<tr>
<td>Gardner Impact</td>
<td>D-3029</td>
<td>5.0 in./lb.</td>
</tr>
<tr>
<td>Shore Hardness</td>
<td>D-2240</td>
<td>51</td>
</tr>
<tr>
<td>Coefficient of Exp.</td>
<td>D-696</td>
<td>3.5x10^-5 in./in/°F</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>D-638</td>
<td>1190 PSI</td>
</tr>
<tr>
<td>Heat Deflection</td>
<td>D-648</td>
<td>135°F</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>D-638</td>
<td>78x10^3 PSI</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>D-790</td>
<td>78.240</td>
</tr>
</tbody>
</table>

Product Specifications:

Sizes: 48”x96”, 48”x120”
Thickness: .090”
Colors: Bright White and Almond
Packaging: 100 pieces per pallet
Material: Minimum 70% recycled polyolefin content

Easy Maintenance:

Most soil and stains can be removed easily with water and household cleaners/detergents. Do not use abrasive cleaners, steel wool or other abrasive materials or tools. To remove difficult stains (such as permanent markers), Pine-Sol® is recommended. To remove hard water stains, clean with a solution of 10% acetic acid in cold water, then rise thoroughly.

Recommended Adhesives:

<table>
<thead>
<tr>
<th>NON-FLAMMABLE ADHESIVES</th>
<th>Rating (0-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry #444 FRP Adhesive</td>
<td>4.0</td>
</tr>
<tr>
<td>Liquid Nails FRP #310 Latex Adhesive</td>
<td>3.5</td>
</tr>
<tr>
<td>DAP Weldwood Multi-Purpose Adhesive</td>
<td>3.5</td>
</tr>
<tr>
<td>Franklin Titebond Fast Grab FRP</td>
<td>2.0</td>
</tr>
<tr>
<td>OSI Sealants Pro Series FRP-555</td>
<td>2.0</td>
</tr>
<tr>
<td>TACC?Miracle FRP Adhesive</td>
<td>1.5</td>
</tr>
</tbody>
</table>

NOT RECOMMENDED:

All solvent-based & tube style adhesives