

Poly-Tuf

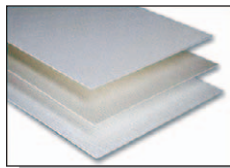
Waterproof Wall & Ceiling Liner Panels



“The Waterproof Panel that Cleans up Easily”

Versatile:

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. Restaurants use Poly-Tuf because the material meets USDA guidelines for food contact and food processing 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, which is very inexpensive compared to other panels that are made from fiberglass. 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 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 ... Use quality panel or construction adhesive from approved manufacturer's list on the next page. Latex or water-based adhesives are recommended. Follow adhesive manufacturer's directions. Spread adhesive with notched trowl 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.

Benefits:

- Non-absorbant: no swelling, rotting, or water discoloration
- No irritating, harmful fiberglass dust
- Hygienic: does not contribute to “sick” building syndrome
- Not affected by acids, harsh chemical solvents or petroleum products
- For interior use
- Extended product life because scratches don't show
- High-performance sanitary sheet that blends with all decors

Applications:

- Car/Truck Washes
- Bathroom walls
- Tub kits for renovation of hotel rooms
- Tub enclosure above tub kit
- Laundry rooms
- Utility rooms
- Commercial restrooms
- Commercial utility rooms
- Commercial kitchens
- Break rooms
- Shelf liners

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Product Specifications:

- **Sizes:** 48" x 96", 48" x 120"
- **Thickness:** .090"
- **Colors:** Bright White or Almond
- **Material:** Minimum 70% recycled polyolefin content
- **USDA:** Poly-Tuf panels comply with USDA guidelines for incidental food contact

Properties	ASTM Test Method	Typical Value
Water absorption	D-570	0.06%
Flame spread	E-84	CLASS C
Smoke developed	E-84	435
Gardner impact	D-3029	5.0 in. lb.
Shore hardness	D-2240	51
Coefficient of exp.	D-696	3.5 x10 ⁻⁵ in./in./°F
Tensile strength	D-638	1190 PSI
Heat deflection	D-648	135 °F
Tensile modulus	D-638	78 x10 ³ PSI
Flexural modulus	D-790	78.240

Recommended Adhesive	
Non-flammable Adhesives	Rating (0-4)
Henry #444 FRP Panel Adhesive	4.0
Liquid Nails FRP #310 Latex FRP Adhesive	3.5
DAP Weldwood Multi-Purpose Flooring Adhesive	3.5
Franklin Titebond Fast Grab FRP	2.0
OSI Sealants, Inc. Pro Senes FRP-555	2.0
TACC/Miracle FRP Adhesive	1.5
Not Recommended/Not Compatible	
All Solvent-Based & Tube Style Adhesives	
DAP Durabond FRP Panel Adhesive	Foster #97-37 by H B Fuller

Tools to do on the Job:

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

Wall Preparation:

Poly-Tuf panels must be installed over a solid surface such as gypsum wallboard. Do not install directly to studs or framing material. Surface must be sound, dry, and free of dust, dirt, oil, grease or loose paint. Level surface by removing high spots and filling low areas, holes or gaps. Make sure fillers or leveling compounds are fully cured and dry prior to panel installation.

Important:

- To allow for thermal expansion, cut panels so as to allow at least 1/4" (6mm) gap at top and bottom, and to allow at least 1/8" (3mm) gap at sides of each panel. Failure to do so may result in buckling of panels.

- Allow at least 1/8" (3mm) gap when cutting panels to fit around pipes, electrical outlets, etc. When using moldings (recommended), cut panels to allow at least 1/8" (3mm) gap between panel edges and bottom of molding channels.

Cutting Panels:

Cut panels with a fine-toothed hand or power saw. Use hole saw or utility knife to trim or to cut odd shapes as required.

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.

- Follow manufacturer's directions.