

Installation Instructions

PLAS-TEX® NRP® & PolyWall™ & Silk WATERPROOF WALL PANELS

▶ PLAS-TEX® ONLINE VIDEO

DESCRIPTION

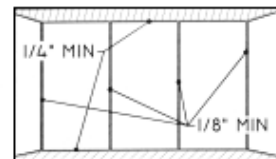
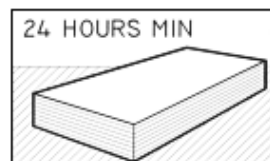
Fiberglass-free **PLAS-TEX** panels are waterproof, stain & chemical resistant. They are USDA compliant and accepted by the Canadian Food Inspection Agency (CFIA). **PLAS-TEX** panels are designed to install with trowel grade latex adhesive over structurally sound solid interior walls, such as drywall or plywood. When installed with caulked moldings, **PLAS-TEX** panels form a moisture resistant, sanitary, low maintenance wall surface.

GENERAL INSTRUCTIONS

The following general instructions are for installing **PLAS-TEX** panels. This guide will help you select the other materials necessary for a successful installation. Always follow all adhesive, sealant and fastener manufacturer's instructions carefully. If you have installation questions not answered in this instruction sheet, please call our toll free number **800-835-4110** between 8:00 a.m. & 5:00 p.m. E.S.T. on week days.

STORAGE & CONDITIONING

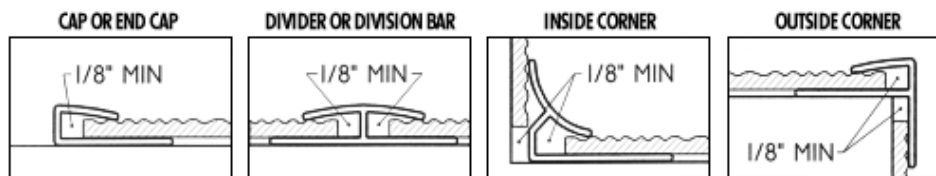
Panels must be stored flat on a clean, dry surface. Panels should be pre-conditioned for at least 24 hours at heat and humidity conditions that represent temperature and moisture levels for the area after construction is complete.



ALLOWING FOR MOVEMENT

PLAS-TEX panels expand and contract with changes in temperature. Allowing for this movement is very important.

LEAVE A MINIMUM OF 1/8" BETWEEN AND 1/4" AT THE TOP AND BOTTOM OF EACH PANEL.



MOLDINGS & CAULKING

Moldings provide a finished look to an installation. When moldings are used in conjunction with a quality caulk/sealant, a waterproof, sanitary, low maintenance wall can be achieved.

NON-FLAMMABLE or LATEX ADHESIVES

PLAS-TEX® panels should be installed using Parkland Panel Adhesive. This adhesive is applied to the wall, rather than the panel, and it has a long open time for ease of installation. Use a 1/8" notched trowel to spread the adhesive. Be sure to cover the entire area. The adhesive will go on milky and turn clear when it is ready to bond. This adhesive may be used with non-porous surfaces, such as DensArmor Plus®, Green Board or painted drywall. Complete installation instructions can be found on the can label or on this website. [Click here for complete installation instructions](#). Adhesive coverage is about 1/3 gallon per 4' x 8' panel.

Other adhesives that may provide satisfactory results are listed below. Generally these adhesives cannot be used over non-porous substrates such as DensArmor Plus®, Green Board or painted drywall. Be sure to follow the manufacturer's instructions. To ensure adequate open time, spread the adhesive on the panel, not the wall. Leave only ridges of adhesive.

SURFACE PREPARATION & LAYOUT

Insure that walls are flat, clean, dry, and solid. Remove all bumps, loose plaster or paint and dust. Fill all low spots and voids. Concrete block walls may require a leveling coat. Plan where the panel edges will meet, avoiding placement directly over drywall or plywood joints. Decide where to install the first panel and the best direction to work.

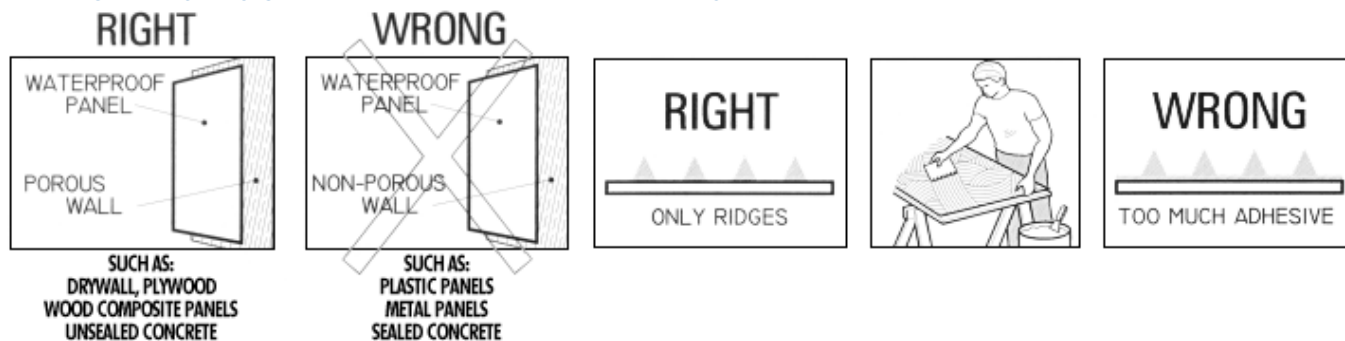
CUTTING & FITTING PANELS

Unlike other panels, **PLAS-TEX** panels contain no fiberglass or other irritants. They can be scored and snapped similar to drywall and cut with sheet metal shears. If sawing, use a fine toothed blade. Cut-outs such as for switches should be drilled at the corners to distribute stress. Test the panel fit by placing it in position without adhesive. Be careful to leave appropriate gap at panel edges. Do not fit panels too tightly in moldings.

CUTTING & FITTING MOLDINGS

PVC moldings can be cut with razor knife, fine toothed saw or metal shears. Moldings can be applied by coated lath nails and/or adhesive. If nails only are used, backing material must have adequate holding ability. Do not fit panels too tightly in moldings. Allow at least 1/8" in all channels for panel expansion after installation is completed. For a watertight installation, a continuous bead of sealant must be run in all molding channels and mating flanges. Moldings should surround all edges of every panel. Excess sealant "squeeze out" can be cleaned off while fresh.

APPLYING ADHESIVES OTHER THAN PARKLAND PANEL ADHESIVE

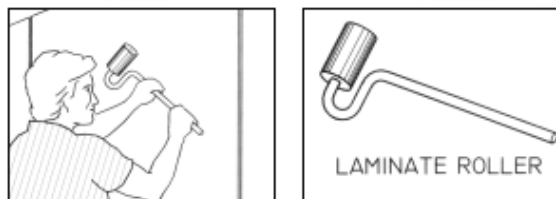


The water-borne family of adhesives, including latex and non-flammable based formulas, will not bond two impervious surfaces to each other, with the exception of Parkland Panel Adhesive. Because PLAS-TEX panels are impervious to moisture, the wall being covered must be porous enough to allow for adhesive drying. Wall finishes that are moisture proof must be removed or otherwise prepared to insure that there is adequate adhesive curing. Always follow adhesive manufacturer's directions completely.

Spread adhesive over the entire back of the panel following manufacturers directions for trowel notch size and working temperature. Press spreader so that teeth touch panel. Leave only ridges of adhesive on the panel. Be sure to spread the adhesive on the panel, not the wall.

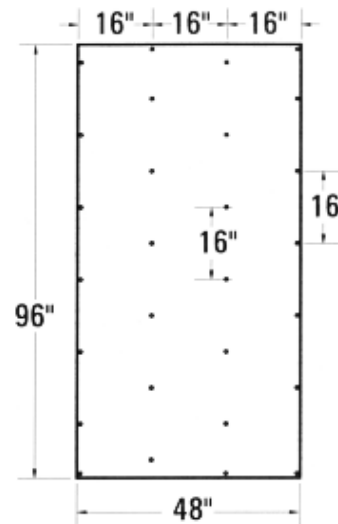
APPLYING THE PANEL

Position the panel and press against the wall. Take care to insure that the panels are not fitted too tightly. Use a laminate roller over the entire surface of the panels to ensure that there is even and complete adhesive contact with the wall at all points. Remove fresh adhesive and/or caulk.



MECHANICAL FASTENERS

Mechanical fasteners such as nylon drive rivets may be used in addition to adhesive. Install mechanical fasteners starting from the center of panel. Work systematically outwards, securing the perimeter last. Arrange fasteners on 16" centers with outer fasteners placed about 1" from panel edges. At panel seams, fasteners should be staggered to insure a flat seam. Drill holes in panels for fasteners 1/8" oversize. Do not over tighten.



ADHESIVES*
Tested & Rated by Parkland Plastics

ADHESIVE

RATING (0-4)

Parkland Panel Adhesive (Click here for installation instructions)	4.0+
Henry #444 FRP Panel Adhesive	4.0
SuperTek PanelSet FRP Panel Adhesive Available Through Parkland	4.0
Liquid Nails FRP #310 Panel Adhesive	3.5

NOT RECOMMENDED

Adhesives That Have Tested Poorly
Foster #97-37 by H.B. Fuller

*Parkland Panel Adhesive is the ONLY recommended adhesive, however the other adhesives listed may give satisfactory results.

This technical bulletin is for the application of Parkland brand PLAS-TEX NRP and Poly-Wall wall panels under normal conditions of installation. The recommendations provided in the bulletin represent our best judgement based on our experience with normal applications. Information herein is offered without charge or obligation, and is accepted at recipient's sole risk. Because conditions of use may vary and are beyond our knowledge and control, Parkland makes no representation about, and is not responsible or liable for the accuracy or reliability of data, nor for toxicological effect or industrial hygiene requirements associated with particular uses of any product or process describe herein. Parkland requests tat customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of Parkland materials.

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