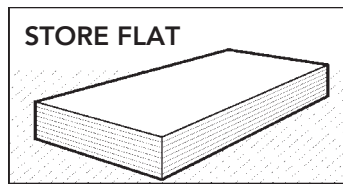


**NRP® and NRP-FR PANELS** feature solid polymer construction. The front side of most products is embossed to enhance durability. The rear surface is treated to accept recommended water-based adhesives. **NRP®** standard panels are made with 100% PLAS-TEX® densified solid polymer. **NRP-FR** panels feature a unique fire-rated composition.

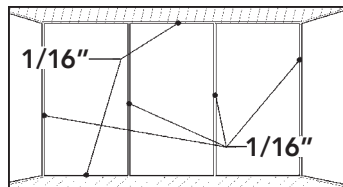
**FRP PANELS** are made from high quality gelcoat over cured mineral-filled polyester resin and random strand fiberglass matt.

**ADHESIVES:** Parkland™ Panel Adhesive and Spray-Lock™ aerosol adhesive are strongly recommended with NRP®, NRP-FR & FRP installations. These instructions assume the use of these VOC-free materials. Pay close attention to warnings regarding use of non-recommended adhesives.

**STORAGE AND CONDITIONING:** Panels must be stored flat on a smooth, dry surface. Before installation, allow panels to come to room temperature. Install panels at the temperature typical for the area after construction is finished.



**ALLOWING FOR MOVEMENT:** Panels expand and contract with temperature changes. Space panels 1/16" apart in all directions as shown. Use FRP only for structures subjected to extreme temperature changes such as trailer interiors.



**SURFACE PREPARATION:** Ensure that all walls and surfaces are flat, clean, dry and solid. Remove all bumps, loose plaster, paint and dust. Fill all low spots and voids. For use with recommended adhesives- seal all walls and surfaces with primer and paint to improve surface integrity. For non-recommended adhesives- use extreme caution and follow adhesive manufacturer's instructions and test prior to use.

**CUTTING & FITTING PANELS:** NRP® panels can be scored and snapped similar to drywall or cut with a utility knife or heavy-duty scissors. NRP and FRP can be sawn, use a fine-toothed negative hook blade. Cut-outs, such as for switches and inside corners should be drilled at the corners or cut with a router to distribute stress- do not use a jigsaw for cutouts. Test the panel fit by placing it in position without adhesive. Be careful to leave 1/16" min. gap at all moldings, openings, fastener holes, terminations and panel edges. Do not fit panels tightly. NRP panels contain no fiberglass irritant; they may be handled safely with bare hands. For FRP panels, wear a dust mask, gloves, and a long-sleeve shirt when handling.

**SPRAY ADHESIVE APPLICATION:** When using Spray-Lock adhesive, follow directions on the can or our website. Be sure to allow adhesive to tack prior to placement of panel on the wall. Mask areas not to be sprayed. To re-position- pull the panel straight off the wall and re-apply. Roll thoroughly with pressure roller to bond sheet into adhesive bed.

RECOMMENDED ADHESIVES	
Seal Bond® Adhesive #105	www.seal-bond.com
Spray-Lock™ #1500 Wall Panel Adhesive	www.spraylock.com
Parkland™ Panel Adhesive	www.parklandplastics.com
<b>DO NOT USE SOLVENT BASED OR TUBE- STYLE ADHESIVE</b>	

**TROWEL ADHESIVE APPLICATION:** For Sealed or non-porous surfaces use Parkland Panel Adhesive and a 1/16" V- notched trowel, and 1/8" V-notched for porous surfaces. Apply Parkland Panel Adhesive directly to the wall [except for concrete substrates- see note elsewhere in this document]. Leave only ridges of adhesive. Roll panel thoroughly into adhesive bed. Ensure panel moldings are fully bedded in adhesive. Adhesive coverage (Parkland Panel Adhesive) is about 1/3 gallon per 4' x 8' panel with 1/16" trowel. Parkland Panel Adhesive and Spray-Lock adhesive may be used over DensArmor Plus® and other non-porous, primed, or painted surfaces with excellent results. **Be sure to follow the manufacturer's instructions.** For more information and videos on how to install panels please visit our website.

**PANEL MOLDINGS:** Color-matched panel moldings are available for most panels. They can be trimmed to size with a utility knife or metal shears. Allow at least 1/16" in all directions for panel expansion.

**ARCHITECTURAL MOLDINGS:** EcoTUFF™ base, chair and crown protective moldings can be secured with a minimum of two 2-1/2" # 10 screws spaced every 24" max., run through wall panels and a minimum of 1-1/2" into studs or blocking behind. Pre-drill all screw locations with a 3/16" pilot bit, and countersink with a 7/16" countersink bit.

**CONCRETE SUBSTRATES:** Use a 3/16" x 1/4" square-notched trowel to apply Parkland Panel adhesive directly to the sheet back; be sure moldings are bedded in adhesive. Apply sheet to wall per remaining instructions.

**FIXTURE INSTALLATION:** Allow adhesive to set minimum 24 hours, until panels are firmly bonded to wall prior to fixture installation.

**SEALING NRP® PANELS:** For a water-tight installation, a continuous bead of Parkland EcoTUFF™ sealant must be run in all molding channels, seams, and along all edges. Remove excess sealant per instructions below.

**CLEANING NRP®:** After installation panels may be cleaned with non-abrasive cleaners or soaps. For removing excess sealant or difficult stains use Bostik® Hand Towel and Specialty Adhesive Remover. Parkland Back Labels can be soaked off with penetrating oil such as WD-40.

**PIN RIVETS:** Panels can be installed using plastic pin rivets to further secure panels to walls. Panels properly installed with Parkland Panel Adhesive or Spray-Lock do not require mechanical fasteners. Pre-drill all holes 1/8" oversize in the panel and check that panels & moldings are fully bedded in adhesive, and then fasten pin rivets to wall. Approved patterns are every 16" o.c., in one direction, both directions, or along one panel edge.

For Additional Information, see: Parkland Wall Products Availability Guide, Parkland NRP CSI Specifications, Parkland FRP CSI Specifications, Parkland NRP-FR CSI Specifications, Parkland NRP Product Overview Guide, Parkland NRP Use & Care Guide

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Statements expressed in this technical bulletin represent our best judgment based on our experience and are recommended for the installation of Parkland™ products under normal conditions. Unless prior approval is obtained in writing from Parkland™, any deviation from these recommended procedures shall be at the sole risk of the installer. Carefully inspect all parts. If a part is defective, notify Parkland™ at once. Failure to do so shall be at the sole risk of the installer.

For more information call: 800.835.4110 • or Visit: [www.parklandplastics.com](http://www.parklandplastics.com)

