

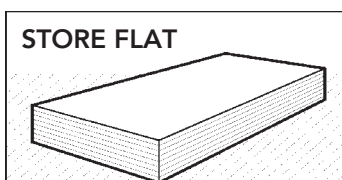


NRP® THICK SHEETS are solid polymer panels that feature the same tough polymer material all the way through. The front side features an attractive finish to enhance durability. **NRP® THICK SHEETS** all feature construction with 100% PLAS-TEX® densified solid polymer, and comply with ASTM E-84 Class III, USDA, California's "Proposition 65" and the Canadian Food Inspection Agency requirements.

ADHESIVES: Spray-Lock™ aerosol adhesive is strongly recommended for large areas of fabrication. For best results, pre-scuff area to be glued with 220-100 grit sandpaper, wipe with alcohol, and apply glue to both surfaces to be joined. Allow adhesive to tack thoroughly. For small areas use 3M™ #9832 adhesive tape. 3M tape requires no scuffing. These instructions assume the **use of recommended materials and processes; use caution when considering non-recommended adhesives.**

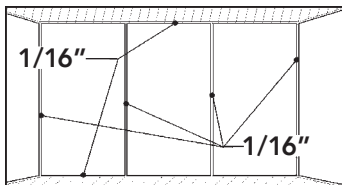
STORAGE AND CONDITIONING:

Sheets must be stored flat on a smooth, dry surface. Before installation, or fabrication, allow sheets to come to room temperature. Assemble or install sheets at the temperature typical for the area after construction is finished.



ALLOWING FOR MOVEMENT:

Sheets expand and contract with temperature changes. Allow 1/16" space between sheets and all other components. Use appropriate caution for use in structures subjected to extreme temperature changes such as trailer interiors.



SURFACE PREPARATION: Ensure that walls/surfaces are flat, solid, and at their final dimension prior to installation so that any provided expansion gaps are correctly sized and located. Inspect and correct as needed all supporting or attaching structures such as blocking, cabinetry or millwork. If you are **not** using Spray-Lock- be sure to test adhesive prior.

CUTTING & FITTING SHEETS: NRP sheets contain no fiberglass or irritants, and may be handled safely with bare hands. They can be sawed using a fine-toothed triple-chip, or ATB-type blade, or with a router. Cut-outs, such as for switches and inside corners should be drilled at the corners or cut with a router to distribute stress. Test sheet fit by placing it in position without adhesive. Be careful to leave 1/16" gap at all moldings, fixtures, terminations and sheet edges. Do not fit sheets tightly.

SECURING NRP THICK SHEETS: NRP Thick Sheets are intended to be pre-drilled with a 3/16" pilot bit, countersunk with a 7/16" countersink, and screwed into fabricated assemblies and installations with minimum #10 screws, with a minimum bite into the NRP material of 1". NRP sheets may also be adhered with Spray-Lock adhesive.

RECOMMENDED ADHESIVES	
Edges & seams: Seal Bond® #105 Adhesive	www.seal-bond.com
Large areas: Spray-Lock™ Spray Adhesive	www.spraylock.com
Small areas, edges & seams: 3M™ #9832-double sided tape	www.3m.com
DO NOT USE SOLVENT BASED OR TUBE- STYLE ADHESIVE	

ADHESIVE APPLICATION TO BUILDING MATERIALS: Ensure all surfaces to be adhered are sealed, flat, non-porous, and dry. Use adhesive per instructions on can. Scuff NRP areas to be joined with 100-220 grit sandpaper. Wipe with mineral spirits and a dry rag. Apply adhesive to both surfaces to be joined. Allow adhesive to fully tack per instructions on can. Apply pressure to bond surfaces together.

ADHESIVES that generally provide satisfactory results are listed above. These adhesives are **not recommended** to be used to bond NRP Thick Sheets to porous materials such as bare drywall. Test adhesives before use.

NRP® THICK MOLDINGS: NRP Thick Sheets can be cut into decorative, extremely tough commercial moldings. Suggested uses include: hospital railings and bumpers, base moldings, crown moldings, panel moldings chair rails, and kick plates.

SEALING NRP® THICK SHEET FABRICATIONS: For a water-tight installation, a continuous bead of Parkland EcoTUFF™ Sealant must be run in all molding channels and mating flanges. For best results, scuff area to be sealed with medium sandpaper prior to application of sealant. Excess sealant "squeeze out" can be cleaned off while fresh. Clean up with solvent and rag, or see cleaning instructions below

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

SEALING NRP® SHEETS: 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 sheets may be cleaned with non-abrasive cleaners or soaps. For difficult stains use Bostik® Hand Towel and Specialty Adhesive Remover. Parkland Back Labels can be soaked off with penetrating oil such as WD-40.

EcoTUFF™ MOLDINGS: Parkland EcoTUFF™ moldings and moldings made from NRP Thick Sheets can be secured with minimum 2-1/2" #10 screws every 24" max., run through wall sheets and into studs or blocking behind.

For Additional Information, see: Parkland NRP 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

