PRODUCT OVERVIEW:

Parkland™ Non-Fiberglass Reinforced Plastic NRP®, available as Class-III fire rated wall panels, are designed specifically for areas requiring moisture resistance, sanitization, and toughness to withstand demanding use environments. NRP is made from 100% recycled polymers, and is available in a variety of colors and finishes. In many cases it is a cost-effective and green alternative to traditional FRP. It is recycled, recyclable, waterproof, economical, has no coating to wear or scratch, and virtually maintenance free.

APPLICATIONS & USES:

Parkland NRP panels glue directly to walls and are ideal for use as wall protection in sanitary, pressure-wash and high-impact areas in restrooms, laundries, restaurants, retail, convenience stores, and heath care facilities. Interior Use Only.

NRP FEATURES:

- NRP is 100% fiberglass-free, and 100% VOC-free.
- 100% PLAS-TEX® solid polymer material resists staining, abrasion, and has superior impact strength.
- 100% Waterproof construction does not support the growth of mold, mildew, or bacteria.

NRP® & LEED: NRP products contain 80% recycled content, are 100% recyclable, and have no detectable VOC's. Most NRP products qualify for LEED points under MR 4.1, 4.2, 5.1, 5.2, & IEQ section 4.1.

NRP ACCESSORIES:

- PVC Trim Moldings in matching colors, 8' & 10' lengths, including: Standard Divider, Inside & Outside Corner, Cap Molding, and 2-piece Divider.
- EcoTUFF™ thick solid polymer protective architectural moldings.
- Parkland™ Panel Adhesive or Spray-Lock™ spray Adhesive, both VOC-free.
- EcoTUFF™ Advanced Silicone Sealant in matching colors.
- Pin Rivets, full selection available.

NRP-FR SERIES PRODUCTS:

NRP-FR is a fire rated panel, tested to Class-I under ASTM E-84, and features different material compositon and surface perfomance. Please see NRP-FR Series documents for more information.

Product Availability

Product & Finish		White	Almond	Tan	Grey	Black	Décor*	Available Moldings	Fire Rating	Panel Size	Packaging & Weight
.060"	Matte	■	■	❏	❏	❏	—	■ White ■ Almond ❏ Tan ❏ Grey ❏ Black	Class-III	4' x 8' 4' x 10' 4' x 12'	32 sq. ft./10# per pc. 40 sq. ft./12.5# per pc. 48 sq. ft./15# per pc.
	Nu Matte	■	❏	❏	❏	❏	—				
	Silk	■	❏	❏	❏	❏	—				
.090"	Cracked Ice	■	■	❏	■	—	—				32 sq. ft./16# per pc. 40 sq. ft./20# per pc. 48 sq. ft./24# per pc.
	Nu Matte	■	■	■	❏	❏	❏				
	Silk	■	❏	❏	❏	—	—				

	Color	Panel Size 4'x8'	4'x10'	4'x12'	Finish	Available Thickness	Construction	Packaging & Weight
NRP Thick Panels	White	■	❏	❏	■ Matte ❏ Cracked Ice	1/4", 3/8", 1/2", 5/8", 3/4", 1"	Full Thickness Color	1/4" Thick – 40 Lbs. 3/8" Thick – 60 Lbs. 1/2" Thick – 80 Lbs. 5/8" Thick – 100 Lbs. 3/4" Thick – 120 Lbs. 1" Thick – 160 Lbs. 1,000 #/ Crate
	Almond	❏	❏	❏				
	Tan	❏	❏	❏				
	Grey	■	❏	❏				
	Black	❏	❏	❏				

■ Stocked ❏ Special Order — Not Available

PHYSICAL PROPERTIES*:

ASTM E-84	Flame Spread	≤200
ASTM E-84	Smoke Developed Index	≤450
ASTM D-4060	Taber Abrasion	0.060 Wear index
ASTM D-790	Flexural Modulus (psi)	90,460 +/- 2840
ASTM D-D256	IZOD Impact	7.02 Ft-Lbs.
ASTM D-570	Water Absorption	0.055%
ASTM D-732	Shear Strength	2970 psi
ASTM D-2240	Hardness	71 Shore D
ASTM D-792	Specific Gravity	1.15
ASTM D-638	Tensile Strength @ ultimate (psi)	1,190 psi +/- 60
NEMA LD 2005 3.4	Stain Resistance	No effect
NEMA LD 2005 3.4	Cleanability**	10***
ASTM D-696	Coefficient of Linear Thermal Expansion	3.84 X 10-5in/in/°F

*NRP Standard Products
**Smooth surfaces   ***When cleaned with Parkland-approved cleaners.

Panel Specifications

1. **Parkland™ NRP® Panels** defined as nonporous sheet maintaining the same composition throughout the part with a composition of waterproof polymer alloy, densified reclaimed polymer materials, mineral reinforcement, pigment and high-performance additives, meeting applicable building materials standards: ANSI, UL, NEMA, ASTM, having minimum physical, performance, and environmental properties specified.

2. Panel backside may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.

3. Panel quality standards are:
   Panel thickness: +/- 10%   **Width:** 48" +/- 1/8"
   Length: specified length +/- 1/8"
   Square: not to exceed 1/8" for 8' panels or 5/32" for 10' panels.

4. All products shall be used and installed in strict accordance with Parkland Installation guidelines and Instructions.

Approvals & Certifications:

- Class III/C Fire Ratings per ASTM E-84 flame spread and smoke development tests.
- Meets USDA/ CFIA requirements.
- Compliant with California Proposition 65.
- Canadian Food Inspection Agency and Agriculture Canada approved.
- Mold & Mildew Resistant per ASTM D3273-94 and D3274-95 tests.

INSTALLATION OVERVIEW:

Storage & Preparation – Carefully inspect all panels prior to installation. Notify Parkland at once for any unacceptable materials. Parkland NRP Panels should be stored indoors on a flat, clean, dry surface for at least 24 hours prior to installation at the temperature the room will be after construction. Parkland NRP is intended to be installed using Parkland adhesives over finished sealed walls. Contact Parkland prior to installing over other substrates.

Adhesives – Use Parkland™ Panel Adhesive (trowel grade), Spray-Lock™ aerosol or Seal Bond® 105 (tube); all are VOC-free and available from Parkland. These adhesives provide superior performance every time with no odor or harmful chemicals.

Tools Required – Utility knife, power saw (ATB, carbide tip), saber saw (metal cutting blade), caulking gun, tape measure, drill. *See **Parkland NRP-FRP Installation Guide** for complete details*.

GENERAL:

Serviceable Temperature Range – Parkland NRP Panels shall maintain performance characteristics and physical properties in temperatures ranging from -40°F to 130°F. Parkland NRP may discolor near heat sources – such as ovens, fryers, and heat lamps – where temperatures exceed 130°F.

Parkland NRP Advantage – Parkland NRP Panels are the only sanitary protective wall covering that are made from 100% recycled resin.

Cleaning Guidelines – With regular cleaning, soil and dirt will not build up. See *Use & Care Guide* for recommended cleaners and other information.

Parkland NRP is made exclusively from 100% PLAS-TEX® - the recycled polymer miracle from Parkland Plastics.

For Additional Information, see:
Parkland NRP Panels Color Brochure
Parkland NRP Panels CSI Specifications
Parkland NRP-FRP Panels Installation Guide
Parkland NRP Thick Sheets Fabrication Guide
Parkland NRP Use & Care Guide

For more information call: 800.835.4110 • or Visit: www.parklandplastics.com

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Parkland Performance™ WALLS & CEILINGS