

### PRODUCT:

#### Overview:

NRP® DÉCOR high-performance reclaimed architectural polymer replaces and exceeds traditional wood composite panel (MDF, laminate panels) specifications, performance and environmental properties.

#### Handling:

NRP® DÉCOR panels feature easy handling and fabrication and cut smoothly without dust. NRP® is fiberglass-free and handles without need for gloves, contains no dangerous fibers or chemicals, and cuts with ordinary field tools such as circular saw, and may be smoothed with a file or sandpaper.

#### Cleaning and Chemical Resistance:

NRP® DÉCOR performance exceeds glass and wood fiber panel performance for cleanability, waterproofness[3] (absorption), impact resistance, and chemical resistance. NRP® is safe to clean with most strong chemicals including bleach.

#### Specification:

NRP® DÉCOR's 100% solid non-porous construction provides a tough VOC-free[1], cost-effective solution for architectural panels meeting G21 mold and mildew, and California Proposition 65 requirements.

#### Custom Panels:

Are available from Parkland, including clad one and two sides with numerous commercial finishes.

### APPLICATIONS & USES:

NRP® DÉCOR panels are ideal where beauty and performance are critical. NRP® DÉCOR is 100% waterproof\* and non-responsive to moisture, making it ideal for feature walls, furniture, and primary spaces, and as a stand-alone cost-effective wall panel solution. Use NRP® DÉCOR anywhere exposed to high-moisture, impacts, and other areas exposed to high traffic and abuse.

Parkland NRP® & LEED: Products can qualify for LEED points under MR 5.1, 5.2, & IEQ section 4.1.

#### NRP® DÉCOR Features:

- 100% solid construction
- 100% VOC-free and fiberglass-free, waterproof, low-maintenance product
- NRP DÉCOR does not support the growth of mold, mildew or bacteria, and PASSES G-21.
- Best-in-class chemical & impact resistance\*

#### Warranties:

- NRP DÉCOR products carry a one year exclusive non pro-rated warranty.

\* Depending on the panel facing material, [3] properties may vary by panel facing material selected.

### Product Availability

Thickness	Texture	Available Colors	Panel Size	Installation	Panel Core Color
1/4" 5/16" 3/8" 1/2"	Matte NuMatte (varies by color)	White, Antique White, Almond, Khaki, Monterey	4' x 8'  4' x 10'	Mechanically Fastened Over Drywall	Black (std.) White <sup>2</sup> Brown <sup>2</sup>
	Matte (varies by woodgrain)	Woodgrain			

[1] VOCs below detectable limits – none detectable VOC materials able to be found, [2] special order.

**PHYSICAL PROPERTIES:**

ASTM D-4060	Taber Abrasion (wear resistance)	.060 wear index (varies by surface)
ASTM D-732	Shear Strength	2970 psi
ASTM D-696	Coefficient / Therm. Expansion	3.84 X 10 <sup>5</sup> in/in/°F
ASTM D-790	Flexural Modulus (psi)	90,460 +/- 2840 psi
ASTM D-3029	Gardner Impact 23°C	22.60 in. lb.
ASTM D-570	Water Absorption	0.055%
ASTM D-790	Flexural Modulus (psi)	78,240 +/- 3,940 psi
ASTM D-2240	Hardness	51 Shore D
ASTM D-792	Specific Gravity	1.15
ASTM D-649	Heat Distortion Temperature	51.30°C
ASTM D-256	Un-notched Izod Impact	7.02 +/- 0.21 ft lb/in
ASTM D-695	Compressive Strength	5293 psi
ASTM D-638	Elongation @ Ultimate (psi)	5293 psi
ASTM D-638	638 [2] Tensile Strength @ ultimate (psi)	410 +/- 10%
ASTM D-882	882 [3] Elongation @ Break (%)	1190 +/- 60 psi
ASTM D-882	882 [3] Tensile Strength @ Break	(%) 2062 +/- 179 psi

Properties may vary by facing material selected, NEMA results based on the NEMA LD 3-2000. Surface properties vary by facing selected, results typical for Parkland finishes.

**1. NRP® Specifications:**

Parkland NRP® DÉCOR wall panels defined as: Non-porous, solid waterproof polymer alloy wall panels maintaining the same composition throughout the part, featuring integral reinforcement, architectural quality facing, pigments, and high performance modifiers, and meeting applicable building materials standards; NEMA, ANSI, ASTM, and California Proposition 65 and having minimum physical, performance, and environmental properties specified.

**2. NRP® Finish:**

NRP® DÉCOR is available in a variety of textures and colors. Panel backside and edges may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.

**3. NRP DÉCOR Dimensions:**

**Thickness:** 1/4", 3/8", 1/2"

**Width:** 48" +/- 1/8", **Length:** 96", 120", +/-1/4"

**Approvals & Certifications, NRP DÉCOR:**

- Compliant with California Proposition 65
- Mold & Mildew Resistant per ASTM D3273-94 and D3274-95 tests, and passes standard G21.

**\*\*NOTE TO SPECIFIER \*\*** Parkland™ NRP® DÉCOR installations provide a unique combination of features including waterproof VOC-free composition, extreme chemical and impact resistance, and best-in-class cleanability.

**GENERAL:**

**Storage & Preparation** – Carefully inspect all panels prior to installation. Notify Parkland at once for any unacceptable materials. NRP DÉCOR panels should be stored indoors on a flat, clean, dry surface for at least 48 hours prior to installation.

**Serviceable Temperature Range** – Parkland NRP DÉCOR panels shall maintain performance characteristics and physical properties in temperatures ranging from -40°F to 110°F. Panels may discolor near heat sources.

**Accessories** – NRP DÉCOR panels are compatible and tested with Gecko Wall Systems™ Gecko DL™\* fixing system.

**Cleaning Guidelines** – When a regular cleaning schedule is executed, soil and dirt will not build up. Use a mild, non-abrasive cleaner such as soapy water or ammonia-based cleaners.

**For Additional Information, see:**

Parkland NRP DÉCOR Sell Sheet

Parkland NRP DÉCOR CSI Specifications

Parkland NRP-FR/DÉCOR/ULTRA

Use & Care Guide

Parkland NRP/NRP-FR/DÉCOR/ULTRA/POLYWALL Warranty

\*Gecko Wall Systems are a product of Allied Technical Services - sdpitech.com

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

Prices, specifications, and product information are presented in good faith and believed correct at time of printing, and are subject to change without notice. Colors, sizes and product images are for general reference use only, are approximate, and variations may occur in printing and/or production. Parkland™ Plastics and its affiliates do not warrant the accuracy or timeliness of any information contained in any product document and have no liability for any errors or omissions in such.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT(S) TO WHICH INFORMATION REFERS.

