

PRODUCT OVERVIEW:

Parkland™ Architectural Grade Wall System™ Panels are a breakthrough in commercial wall panel technology. The unique attachment system provides the shortest installation times, lowest cost, and interchangeability between panels. Available in virtually any choice of veneer or clad in any Parkland sheet product, standard panel substrates are Class-A fire rated, tough, hygienically sealed, virtually maintenance free, and do not support the growth of mold or mildew.

APPLICATIONS & USES:

A.G. Wall Systems are ideal for use in conference rooms, lobbies, hospital corridors, and offices, requiring the rich beauty of fine materials, water resistance, sanitization, impact strength, and reparability.

NRP® FEATURES:

- 14 standard, and unlimited special order veneer options.
- Choice of decorative veneer or sheet lamination and combination panels split at chair rail.
- Engineered magnesium-fiber alloy core for strength and superior flatness.
- Self-sealing system is water resistant for sanitary applications.
- Panels are safe to handle with bare hands, and easy to install with ordinary hand tools.

Architectural Grade Wall Panels & LEED: With available NRP veneer, qualifies for LEED points under MR 4.1, 4.2, 5.1, 5.2, & IEQ section 4.1.

PARKLAND A.G. WALL PANELS HAVE THESE UNIQUE BENEFITS:

- Panels ship pre-finished on both ends, permanently laminated to core material for strength and service life.
- Unique integral sealing flanges provide water resistance without the need for sealant.
- Panel construction in 4 styles:
 - Standard Décor Series Veneers
 - S.O. veneers in hundreds of choices
 - 2-tone combinations split at chair rail
 - Panels clad 1/8" NRP or FRP sheet for ultimate performance.
- Individual panels can be replaced separately from the wall system at any time during or after installation [all patent rights reserved].
- EcoTUFF™ Protective Moldings can be added to further enhance toughness and beauty of any installation.
- Architectural Grade Wall Panel System coordinates with all Décor-series products for an integrated project look.

Product Availability*
A.G. Panels (Class I)

Panel	Panel Thickness	Panel Dimensions	Panel Moldings	Finish	Packaging & Weight
Décor Series (veneer)	1/2"	4' x 8' 4' x 10' custom	Full line, See below	Veneer finishes are matte All NRP finishes available	4' x 8' 32 sq. ft. /35# per pc.
NRP-Clad Panels	5/8"				4' x 10' 40 sq. ft. /45# per pc.

Molding Availability

Molding Profile	Description	Color	Finish	Packaging & Weight
Reveal Molding [8mm]	1 required between panels	Black	Matte	10 pcs./ pack 12 Lbs.
Reveal Insert Molding	Optional cap to seal panel edges			
Cap Molding [universal]	End cap			
Corner Molding [universal]	Inside & outside corner molding			Individually 2 Lb. ea.

*All panels special order

PHYSICAL PROPERTIES:†

ASTM E-84	Flame Spread	≤25
ASTM E-84	Smoke Developed Index	≤450
ASTM D-3273	Mold resistance	10 [best]
ASTM D1556	Density	1 Lb./ SF
Ion Chromatography	VOC Content	0
Ion Chromatography	Corrosive Content	0
NEMA LD 2005 3.4	Stain Resistance**	No Effect
NEMA LD 2005 3.4	Cleanability**	10*

NEMA results based on the NEMA LD 3-2005. * Smooth surface.
 **Property of veneer [panel face] †Test data for standard veneer-clad panels.

Panel Specifications

- Parkland™ Architectural Grade Wall Panels** defined as premium decorative veneer surface over high-pressure magnesium- fiber alloy composite core, meeting applicable building materials standards NEMA, UL, ANSI, ASTM, having minimum physical, performance, and environmental properties specified.
- Panels shall have specified matte texture front side, and factory finished edges. Panel color shall be per specification. Panel backside is battened and may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.
- Panel quality standards are:
Panel thickness: .1/2" +/- 10% (total panel thickness)
Width: 47-5/8" +/- 1/8"
Length: specified length +/- 1/8"
Square: not to exceed 1/8" for 8' panels or 5/32" for 10' panels.
- Panels shall be installed in strict accordance with Parkland Architectural Grade Wall System Installation Instructions.

Approvals & Certifications:

- Class I/ A Fire Ratings per ASTM E-84 flame spread and smoke development tests.
- Mold & Mildew Resistant per ASTM D3273-94 and D3274-95 tests.
- VOC-free per ion chromatography analysis.
- Corrosive-free per ion chromatography analysis.

INSTALLATION OVERVIEW:

Storage & Preparation – Carefully inspect all panels prior to installation. Notify Parkland at once for any unacceptable materials. Parkland Architectural Grade Wall 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. Installation is intended for only Parkland-recommended fasteners over structurally sound walls.

Fasteners – Use #10 screws with sufficient length to bite into sub structure or blocking minimum 1.5".

Tools Required – Power saw (carbide tip), saber saw (metal cutting blade), tape measure, drill, file, hammer, level.

See Parkland Architectural Grade Wall System Installation Instructions for complete details.

Accessories

- Parkland Architectural Grade Panel Moldings including: Reveal moldings, corner & cap molding.
- Parkland EcoTUFF™ Protective Moldings.
- EcoTUFF™ Advanced Silicone Sealant in matching colors.
- Galvanized hardened steel frame mounting system

GENERAL:

Serviceable Temperature Range – Parkland Architectural Grade Wall Panels are designed for interior use only in climate-controlled rooms. Panels shall maintain performance characteristics and physical properties in normal room temperature. Decorative veneers may discolor near heat sources – such as ovens, fryers, and heat lamps – where temperatures exceed 130°F, or with chemical exposure.

Parkland NRP® Advantage – Parkland Architectural Grade Wall Panels are available clad in high-performance NRP sheeting for the ultimate in physical performance, and reduced impact on the environment.

Cleaning Guidelines – When a regular cleaning schedule is executed, soil and dirt will not build up. A mild, non-abrasive cleaner is effective. **See Parkland Architectural Grade Wall System Use & Care Guide.**

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

For Additional Information see, Parkland Architectural Grade Wall System:

CSI Specifications, Installation Guide, Use & Care Guide, Warranty

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

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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.

