

PRODUCT:
Overview:

Parkland™ high-performance ceiling tiles are made in two product families that completely out-perform ordinary fiber-based products. Whether your needs are extreme water and stain resistance or a class-leading fire rated material. Parkland has you covered.

- **SpectraTile™** ceiling tiles all feature 100% solid polymer construction. All tiles are 100% water-proof, 10-year warranted to not water spot, washable, and will not support the growth of mold or mildew*.
- **MagnaTile™** is a special fire-rated version that will not burn when exposed to temperatures up to 700 deg. F. This product is tested to zero flame spread and smoke development, and is available in acoustic, textured and custom finishes. MagnaTile features no corrosive or noxious materials, does not support the growth of mold or mildew, is VOC-free, washable, and 5-year warranted.

APPLICATIONS & USES:

Parkland Ceiling Tiles are ideal for use in suspended ceilings in restaurants, laundries, food service areas, mass-retailers, clean rooms, high-moisture areas, other areas exposed to moisture or contaminants and fire-rated installations.

- SpectraTile: LEED 5.1, 5.2 (Regional Materials), IEQ 4.1.
- MagnaTile: LEED 5.1, 5.2 (Regional Materials), IEQ 4.1.

SpectraTile Features:

- 100% solid polymer construction for 100% waterproof, low-maintenance product.
- Does not support the growth of mold or mildew.
- Tiles are 100% fiberglass-free and VOC-free.

MagnaTile Features:

- MagnaTile features 100% waterproof polymer surface over dense mineral alloy for superior fire performance without sacrificing cleanability.
- MagnaTile will not burn, and is stocked in 2 finishes, Staccato and Acoustic-II. Other finishes are available by special order. When installed in appropriate fire-rated grid system MagnaTile can be part of a fire-rated building system.

Warranties:

- All SpectraTile products carry a ten year exclusive warranty.
- All MagnaTile products carry a five year exclusive warranty.

Product Availability
SpectraTile:

Finish	Noise Reduction Coefficient	Color	Waterproof	Fire Rating	Tile Size	Packaging
Finalé	Not Rated	Matte White	Yes	Passes NFPA Life Safety Code 10.2.3.7.3	2' x 2'	12 pc/ case (48 SF)
Tegular (revealed)						
Millennium						
Mystique						
Repertoire						
Acoustic	.65					

MagnaTile:

Finish	Noise Reduction Coefficient	Color	Fire Rating	Tile Size	Packaging
Staccato	Not Rated	Matte White	Class I	2' x 2' 2' x 4'	12 pc/ case (48 SF) 10 pc/ case (80 SF)
Custom Finishes**	Not Rated				
Acoustic II	.55				

**Special order

* Less than 500 ppb toluene; no other detectable VOC's

SPECTRATILE PROPERTIES:

NFPA 286	Room Corner Burn	Passes Life Safety Code 10.2.3.7.3
ASTM D-790	Flexural Strength	1778 in. lbs./ sq. in.
ASTM D-D256	IZOD Impact	5-6 psi
ASTM D-570	Water Absorption	<1.2%
ASTM D-790	Flexural Modulus of Elasticity (psi)	156,450 psi
ASTM C-423	Noise Reduction Coefficient	0.65 NRC
ASTM D-792	Specific Gravity	0.65 +/- .03
ASTM D-638	Tensile Strength @ ultimate (psi)	1,422
ASTM D648	Heat Deflection Temperature	122 F
ASTM D3273	Mold & Mildew Resistance [1-10]	10 (best)
ASTM D-638	Tensile Modulus of Elasticity	108,090 psi

Tile Specifications

- SpectraTile™** ceiling tiles defined as: Non-porous, waterproof polymer ceiling tiles maintaining the same composition throughout the part, meeting applicable building materials standards; NEMA, UL, ANSI, ASTM, having minimum physical, performance, and environmental properties specified.
- MagnaTile™** is defined as high-density magnesium mineral alloy core with two-side lamination of waterproof polymer front surface, and energy managing rear surface. MagnaTile tiles are not damaged by water or insects, and do not feed mold or mildew. They are non-toxic, non-flammable and non-combustible. MagnaTile tiles maintain dimensional stability in all temperatures—even when wet.
- Tile finish:**
Tiles are available in a variety of finishes and matte white color. Tile backside or edges may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.
- Tile Dimensions & Tolerances:**
Thickness:
 - SpectraTile: 2' x 2', .160" ; 2' x 4', .200" nominal.
 - SpectraTile Acoustic: .250" (1/4") nominal.
 - MagnaTile: .250" (1/4") nominal.**Size:**
Width: 23-3/4" +/- 1/16", **Length:** 23-3/4", 47-3/4" +/- 1/16"

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

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Approvals & Certifications, SpectraTile:

- Life Safety Code 10.2.3.7.3 Room Corner Burn.
- UL Classification under NFPA 286.
- Mold & Mildew Resistant per ASTM D3273-94 and D3274-95 tests.

MAGNATILE PROPERTIES:

ASTM E-84	Flame spread	0
ASTM E-84	Smoke Development	0
Weight	Pounds/ SF	1.0
ASTM D-3273	Mold & Mildew Resistance [1-10]	10 [best]
ASTM D-256	NRC coefficient	.55 [acoustic]
Ion Chromatography	VOC Content	0
Ion Chromatography	Corrosive Content	0

GENERAL:

Storage & Preparation – Carefully inspect all panels prior to installation. Notify Parkland™ at once for any unacceptable materials. Parkland ceiling tiles should be stored indoors on a flat, clean, dry surface for at least 24 hours prior to installation.

Serviceable Temperature Range – Parkland ceiling tiles shall maintain performance characteristics and physical properties in temperatures ranging from -40°F to 130°F. SpectraTile may discolor near heat sources. Only MagnaTile should be used near ovens, fryers, and heat lamps – where temperatures exceed 130°F.

Parkland Advantage – Parkland ceiling tile products significantly outperform ordinary ceiling tiles. Select your application, then Specify the SpectraTile or MagnaTile product with the confidence that they will do the job right the first time.

Accessories – Parkland's NRP® wall systems make the perfect complement to SpectraTile ceilings.

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:

- SpectraTile, MagnaTile Color Brochures
- Ceiling Tile Use & Care Guide
- SpectraTile CSI Architectural Specification
- MagnaTile CSI Architectural Specification
- SpectraTile - MagnaTile Limited Warranties

