

**PRODUCT:**
**Overview:**

Parkland™ high-performance SPECTRATILE® ceiling tiles feature 100% waterproof solid polymer construction. SPECTRATILE provides architects and designers the unique benefits of a solid polymer tile, including cleanability, restorability, and a non-porous surface while maintaining compliance with Life Safety Code 10.2.3.7.2 and meeting Class-A standards for flame spread, and smoke development under ASTM E-84. SPECTRATILE stands alone in providing the unique advantages of a non-porous polymer with extreme flame and smoke performance.

- **SPECTRATILE®** ceiling tiles all feature 100% solid polymer alloy construction. All tiles are water-proof, are 1-year guaranteed to not water spot, guaranteed to be washable, and not support the growth of mold, mildew, or bacteria.
- **SPECTRATILE®** ceiling tiles are is tested to compliance with strict requirements for no VOC or corrosive materials content, cleanability and to ensure a 100% non-porous surface. SPECTRATILE is also available in acoustic and textured finishes.

**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, and other areas exposed to moisture, or contaminants.

**Product Availability**
**SPECTRATILE:**

Finish	Color	Noise Reduction Coefficient	Waterproof	Fire Rating	Tile Size	Packaging
Finalé	Matte White	0.1	Yes	Class-I +	2' x 2'	12 pc/ case (48 SF)
Fissured*						
Tegular Stucco (revealed)						
Millennium						
Repertoire**						
Stucco	Matte White Custom***	.55			2' x 4'	10 pc/ case (80 SF)
Acoustic	White or Grey					

\*Fissured pattern is printed \*\*Repertoire also comes in black \*\*\*Special order

+ Class-I (A) rating per ASTM E-84 Steiner tunnel testing for flame spread and smoke developed index.

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

**SPECTRATILE Features:**

- 100% solid polymer construction for 100% waterproof, washable, scrubbable low-maintenance product.
- Does not support the growth of mold mildew or bacteria.
- Tiles are 100% fiberglass-free, corrosive-free, and VOC-free.
- Passes strict Life Safety Code 10.2.3.7.2.
- Highly light reflective 100% polymer finish.

**Warranties:**

- All SPECTRATILE products carry a one year exclusive warranty.

**SPECTRATILE PROPERTIES:**

ASTM E-84	Flammability	Class-A <sup>2</sup>
ULC S-102-10	Flammability	Pass* <sup>2</sup>
ASTM D-790	Flexural Strength	1778 in. lbs./ sq. in.
UL Classified	NFPA 286	Yes
ASTM D-256	IZOD Impact	5.6 psi
ASTM D-570	Water Absorption	<1.2%
ASTM C-423	Noise Reduction Coefficient	0.55 <sup>3</sup>
ASTM D-792	Specific Gravity	1.1 Lb./ SF
ASTM D-638	Tensile Strength @ ultimate (psi)	1,422
Horiba IG-320	Average Light Reflectance	83%
ASTM D-3273	Mold & Mildew Resistance [1-10]	10 (best)
ASTM D-638	Tensile Modulus of Elasticity	108,090 psi
ASTM D-1308	Stain Resistance	Pass
ASTM D-2260	Abrasion resistance	Pass
ASTM D-635	Burn Rate	Pass
G-21-96	Fungus	Pass

\*Can be used where ULC S-102-10 requirement is specified.

2-Per ASTM E-84 Steiner Tunnel test.

3-For acoustic product, NRC for standard product is 0.1.

**Tile Specifications**

1. **SPECTRATILE® Standard Series** is defined as nonporous, homogeneous polymer ceiling tile maintaining the same composition throughout the part with a composition of densified polymer alloy, mineral filler, pigment and high-performance additives, meeting applicable building materials standards: ANSI/NEMA/ASTM, having minimum physical, performance, and environmental properties specified.

**2. Tile finish:**

SPECTRATILE is available in a variety of finishes and matte white color. Tile backside and edges may possess slight imperfections that do not adversely affect performance or physical properties and are not cause for rejection.

**3. Tile Dimensions:**

■ SPECTRATILE: 2' x 2' .160", 2' x 4' .200" nominal thickness.

■ SPECTRATILE Acoustic: .75" nominal thickness.

**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](http://www.parklandplastics.com)

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**Approvals & Certifications, SPECTRATILE:**

- Life Safety Code 10.2.3.7.2 Room Corner Burn, NPPA 286.
- Class-I per ASTM E-84 flammability and smoke development tests.
- Mold & Mildew Resistant per ASTM D-3273-94 and D-3274-95 tests.

Steiner Tunnel testing: SPECTRATILE is the only solid polymer ceiling tile to meet a stringent Class-A (Class-I) rating for both flame spread and smoke developed index with Steiner Tunnel tests under the rigid ASTM test protocol E-84, as well as NPPA 286.

\*\*NOTE TO SPECIFIER\*\* SPECTRATILE posses a unique combination of features including 100% washable (incl. machine washable) 100% polymer ceiling tile with high light reflectance that meets Class-A (I) per ASTM E-84, and Life Safety Code 10.2.3.7.2 Room Corner Burn, NPPA 286.

**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 its performance characteristics and physical properties in temperatures ranging from -40°F to 160°F. SPECTRATILE may discolor near heat sources.

**SPECTRATILE® Advantage** – SPECTRATILE significantly outperforms ordinary ceiling tiles. Our 1-year warranty against water spotting proves it.

**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:**

Parkland SPECTRATILE Sell Sheet

Parkland SPECTRATILE CSI Specifications

Parkland SPECTRATILE Use & Care Guide

SPECTRATILE Warranty

