

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*						
Millennium						
Repertoire**						
Stucco	White	.55			2' x 4'	10 pc/ case (80 SF)
Acoustic						
Tegular Stucco (revealed)	Matte White	0.1	Yes	Class-I +	2' x 2'	12 pc/ case (48 SF)
Wave						

*Fissured pattern is printed **Repertoire also comes in black

+ 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 ²
ULC S-102-10	Flammability	Pass* ²
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 ³
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

- 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.
- 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.
- Tile Dimensions:**
 - SPECTRATILE: 2' x 2' 4mm, 2' x 4' 5mm nominal thickness.
 - SPECTRATILE Acoustic: 250" [1/4"] 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

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.

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 120°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

