

## SPECIFICATIONS

### FOR PLYNYL<sup>®</sup> TILE BRAND FLOORING PRODUCTS - VINYL BACKING

#### SPECIFICATIONS

Style	Iklat, Rib Weave, Basketweave, Lounge, Boucle:
Fiber Content	Face: 80% vinyl / 20% fiberglass. Backing: 100% vinyl (15% post-industrial)
Size	18" x 18" (45.7 cm x 45.7 cm)
Thickness	0.094 inch (2.4 mm) +/-

#### TESTS CONDUCTED

COLORFASTNESS	RESULT	Criteria/Specifications
Light AATCC 16E (40 AFU)	5	Exceeds Industry Recommendations
NO2 AATCC 129 (2 cycles)	4.5	Exceeds Industry Recommendations
Ozone AATCC 164 (2 cycles)	4.5	Exceeds Industry Recommendations

FLAMMABILITY	RESULT	Criteria/Specifications
CSPC FF 1-70 (Methanine Pill)	8 of 8	7 of 8 must pass
ASTM E648 Critical Radiant Flux	0.84 watts/sq cm	Class I: Critical Radiant Flux of 0.45 watts/sq cm or higher
ASTM E662 Optical Smoke Density: Flaming Dmc	350	less than 450

WEAR/PERFORMANCE	RESULT	Criteria/Specifications
Contract Walker 20,000 Steps (PAR)	5	Excellent Traffic Resistance
ASTM D5252 Hexapod Walker 12,000 cyc	5	Heavy Commercial Traffic Rating
ASTM 2199 Dimensional Stability	+0.009"	Less than 0.020" per 12"
AACHEN (tiles)	Less than 0.27" Change	Meets GSA Requirements
ASTM F925 Resistance To Chemicals	No Effect	Excellent Chemical Resistance
Stain Resistance*	4 minimum rating	Excellent Stain Resistance
Resistance to Soiling/Cleaning	5 & 5	Excellent Resistance to Soiling
ASTM C1028 Slip Resistance	0.72	Exceeds ADA Recommendations
Phillips Roll Chair 10,000 cycles	5	Resists Rolling Traffic
Impact Sound transmission ASTM E2179-01	Delta IIC=25	Excellent Sound Resistance
Compression and Recovery	100% after 48 hours	Excellent Recovery Characteristics

**RECYCLABILITY**

Plynyl tiles have 15% post-industrial content in the backing.

**ANTIMICROBIAL PROPERTIES**

Plynyl has been tested according to AATCC method 174 parts I, II, and III. Testing was performed and results compared to minimum requirements listed for anti-microbial carpeting as listed by the General Services Administration. Results indicate that Plynyl exceeds all listed minimums from the GSA technical bulletin as required for terming floor covering anti-microbial. All Chilewich Contract products contain Microban. Microban antimicrobial protection works continuously for the lifetime of the product to inhibit growth of stain and odor-causing bacteria, mold and mildew.

\* All staining agents and results on file at the manufacturing facility.

\*\* Test conducted to end point, considered the point of exposure of backing.

**Please note:** Individual test results are maintained at the manufacturing facility and are available if required. All tests listed above were performed by a certified independent laboratory.