

## SPECIFICATIONS

FOR PLYNYL<sup>®</sup> W2W BRAND FLOORING PRODUCTS

### SPECIFICATIONS

STYLE	Ikat, Boucle, Lounge:
FIBER CONTENT	Face: 80% vinyl / 20% fiberglass. Backing: 100% polyurethane.
WIDTH	72" wide (1.83 meters)
THICKNESS	0.13 inch (3.30mm)

STYLE	Basketweave, Rib Weave:
FIBER CONTENT	Face: 80% vinyl / 20% fiberglass. Backing: 100% polyurethane.
WIDTH	72" wide (1.83 meters)
THICKNESS	Basketweave: 0.13in (3.30mm); Rib Weave: 0.17 inch (4.30mm)

### 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	Pass 7 of 8 must Pass
ASTM E648 Critical Radiant Flux	>.70 Watts/cm <sup>2</sup>	Class I
ASTM E662 Optical Smoke Density:		
Flaming (DMC)	< 400	450 Maximum DMC

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 D3884 Abrasion Resistance	> 4500** cycles	Excellent Abrasion Resistance
LF 475A Dimensional Stability	< 0.42%	Passes ASTM F1037 Requirements
AACHEN (tiles)	Less than 0.27* Change	Meets GSA Requirements
ASTM F137 Flexibility	Pass 10mm	Passes ASTM F1037 Requirements
ASTM D3936 Delamination Strength	Does not Delaminate	2.5 Lbs/inch
ASTM D1667 Breaking Strength	>600 Lbs	100 Lbs
ASTM F925 Resistance To Chemicals	No Affect	Excellent Chemical Resistance
Stain Resistance*	4 minimum rating	Excellent Stain Resistance
Resistance to Soiling/Cleaning	5 & 5	Excellent Resistance to Soiling
AATCC 137 Static Propensity	Less than 1.0 KV	Passes GSA Max for Computer Grade
ASTM C1028 Slip Resistance	>0.65	Exceeds ADA Recommendations
Phillips Roll Chair 10,000 cycles	5	Resists Rolling Traffic
Impact Sound transmission ASTM E2179-01		Delta IIC=25

VOC EMISSIONS
Plynyl has been tested according to air quality industry standards and falls below the maximum allowable emissions.

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 urethane 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.