

Medallion WPC

Technical Data

Aquarius WPC Hybrid Flooring by Medallion		
Collection Name:	Aquarius WPC Flooring	
Use	Residential & Light Commercial	
Water Proof	100% Waterproof	
Size	5.5mm x 7" x 48"	
Material	100% Virgin PVC Vinyl, Film, UV Urethane coated wearlayer	
Thickness	5.5mm	
Wear Layer	20 mils (0.5 mm)	
Wearlayer over coating	UV Urethane Cured - Hot Pressed	
Bevels	4 sided Bevel	
High Density Core Board	870 PSI	
Embossing:	Mechanical pressed embossing	
Locking System	Unilin Angle Angle	
Installation	Glue or Float	
Gluedown Installation	Use Apac 564/584 or Mapei 350/360 Adhesives	
Sound Underlayment	Glue or Float with dBarrier or Cork Plus 250. Float with Deciblok MC.	
Planks/Carton	10 pieces	
Sq. Ft./Carton	23.64 sq.ft.	
Cartons Per Pallet	65 cartons, 1536.60 sq.ft. per pallet	
Weight Carton	35 lbs.	
Pallets Container	18 Pallets	
Warranty	Lifetime Residential & 10 Year Light Commercial Limited Warranties	

ASTM Test Results

Test	Results	Requirements
IIC Ratings - ASTM E492 - on 6" Concrete slab, floor-ceiling assembly with suspended gymsum board ceiling.	With out underlayment 65 - IIC Rating 65 With 1.5 EVA foam underlayment - IIC Rating 76	
ASTM D 3816-96 Reaction to fire classification	Bf1	EN ISO 11925-2 Exposure=15 s
ASTM E831-14 Coefficient of linear thermal expansion	-30°C~50°C:61.06	ASTM E831-14
ASTM C518-15 Thermal resistance	0.059	ASTM C518-15
"Seven" Phthalate(7P)	Not Detected	EN 14372:2004
Heavy metals	Not Detected	RoHS Directive 2011/65/EU
"Six" Phthalate(6P)	Not Detected	EN 14372:2004
ASTM D6007-2014 Formaldehyde Emission	Not Detected	ASTM D6007-2014
ASTM F2296-04 vinyl plank strength	PASS	EN649:2011
ASTM C722-04 shrinkage	PASS	EN660-2:2003 and EN649:2011
ASTM D3815-05 stability	PASS	EN649:2011
ASTM F 1037 Abrasion resistance	PASS	EN660-2:2003 and EN649:2011
ASTM F 1913-04 Thickness	PASS	EN649:2011
ASTM F 1700-13 vertical/horizontal balance	PASS	EN660-2:2003 and EN649:2011
ASTM E 648 Radiant panel	PASS	meets and exceeds
ASTM F970 Residual indentation	PASS	EN649:2011
ASTM-E648 Critical Radiant Flux	meets or exceeds class 1	EN649:2011
NALFA 3.3 Xenon Light Resistance	Class 4 , heavy commercial	EN660-2:2003 and EN649:2011
NALFA 3.4 Clean ability-Stain Resistance	Class 4 , heavy commercial	
NALFA 3.5 Large Ball Impact Resistance	Class 4 , heavy commercial	
NALFA 3.6 Small Ball Impact Resistance	Class 4 , heavy commercial	
NALFA 3.8 Dimensional Tolerance	Class 4 , heavy commercial	meets and exceeds
NALFA 3.9 Caster Chair	Class 3 , commercial	
ASTM C 1028-96 Static Coefficient of Friction	68 slip resistance	ADA/ OSHA standard
ASTM F-970-07 Static Load Limit	0.004 – passes at 250 PSI	
ASTM-F2753 Rolling Load Over Resilient FC	0.024 inch	
ASTM F Color Resistance to Heat	meets <8.0 Delta E requirement	

Phthalate Free

Important Notice

Vinyl flooring is sensitive to extreme heat and direct sunlight. It is recommended that vinyl flooring be Installed & Maintained in a temperature controlled environment ranging from 65F to 85F in order to maintain its stability. To prevent excessive expansion, avoid exposure to direct sunlight for prolong periods of time. During peak sunlight hours, use drapes or blinds to minimize exposure.

Effective Date: 6/1/17

2434 Polvorosa Avenue * San Leandro, CA 94577 * Phone 510-351-8104 * Fax 510-351-7480
839 F Street, Suite 100 * West Sacramento, CA 95605 * Phone 916-372-8501 * Fax 916-372-2175
645 Ahua Street * Honolulu, HI 96819 * Phone 808-836-3585 * Fax 808-834-4722

www.Medallion1.com