



**Medallion**  
DIVISION OF STURLA, INC.

**Aquarius 12mil SPC Rigid Core with attached Pad**  
**Waterproof Flooring by Medallion**  
**Stone Polymer Composite (SPC) Rigid Core Technology**

**Technical Data - 9/26/20**

Collection Name	Aquarius SPC Rigid Core by Medallion with attached Pad
Use	Residential & Commercial
Water Proof	100% Waterproof
For Items: MED02399, MED02400, MED02401, MED02402	4.8mm x 7.13" x 48.03"
Thickness	4.8mm overall (3.3 mm core + 1.5mm attached IXPE pad)
Planks/Carton, Sq.ft./Carton, Weight Carton	10 planks, 23.76 sq.ft. carton, 35lbs. Carton
Cartons per pallet, pallets per container	80 Cartons, 1,512.80 sq./ft. per pallet, 20 pallets/30,256' per container
Locking System	Click Floating Installation with Uniclic Angle/Angle locking system
Made in China	
For items: AQU141V, AQU142V, AQU143V, AQU144V	4.5mm x 7.09" x 48.03"
Thickness	4.5mm overall (3.5 mm core + 1mm attached IXPE pad)
Planks/Carton, Sq.ft./Carton, Weight Carton	8 planks, 18.91 sq.ft. carton, 29lbs. Carton
Cartons per pallet, pallets per container	80 Cartons, 1,512.80 sq./ft. per pallet, 20 pallets/30,256' per container
Locking System	Click Floating Installation with Valinge Angle/Angle locking system
Made in Vietnam	
Décor & Embossing	High definition Décor Film
Wear Layer	12 mils / .30mm UV cured Enhanced Polyurethane coating
Core Density	1,900 kg/m3+010%
Core Construction	100% Virgin Vinyl, Vinyl Film & 70% Stone Composite
Bevel	4 Sided micro Bevel
Installation	Floating Glueless or Gluedown with Mapei ECO 373 or ECO360
Certification	Greenguard Gold & Floorscore Certified
Warranty	25 year Residential & 10 year Light Commercial Limited Warranties



**ASTM Test Results**

Static Load	ASTM F970	2,000 PSI
Heat Exposure Resistance F1700 (70C/6h)	ASTM F2199 EN16511	≤ 0.15%
Swelling after submersion	NALFA LF 01-2011	0%
Castor Chair Resistance	ISO 4918	Class 4, Heavy Commercial
Fire Rating	ASTM E648/662	Pass
Wear Resistance	ASTM E648/662	Class I
F1700	EN 13329 method A EN 16511	Class 34, Heavy Commercial
Impact Resistance (Big Ball)	NALFA LF01-2011 EN 16511	Class 34, Heavy Commercial
Impact Resistance (Small Ball)	NALFA LF01-2011	Class 4, Heavy Commercial
Static coefficient of Friction	ASTM D2047	Dry: 0.38, Wet: 0.9
Resistance to staining F1700	ASTM F925 NALFA LF01-2011	Pass Class 4, Heavy Commercial
ASTM E492-09 (2016) Impact Sound Conduction	IIC 71	ASTM E989-12
ASTM E90-09 (2016) Airborne Sound Conduction	STC 70	ASTM-413-10

**Chemical Composition**

VOC	FloorScore™	Pass California 01350
Ortho-phthalates	Prop 65	Not Detected / In Compliance / Phthalate Free
Lead	CPSIA	None Detected
Substances of Very High Concern (SVHC) (Mercury, Chromium VI, Cadmium, SCCp, Benzene, Xylene, Tributyltin, etc.)		Not Detected / REACH Compliant

Sound tests are done in Labs using Factory Standards. Overall specifications will vary.  
Actual Sound ratings will vary depending Material Used, Building Structure, and Construction.  
Phthalate Free

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](http://www.Medallion1.com)