



Product	Impact®		Impact SmartLock™	
Construction	Layered Vinyl Plank		Layered Vinyl Plank	
Wearlayer	.012" (0.3 mm) High Performance Urethane		.012" (0.3 mm) High Performance Urethane	
Overall Thickness	0.100" (2.5 mm)		0.130" (3.2 mm)	
Design Names	<b>Rosewood / Homestead / Highlands</b>		<b>White Oak</b>	
	Impact	Impact SmartLock	Impact	Impact SmartLock
Width/length (nominal size)	7.25" x 48"	7" x 47.75"	6" x 48"	5.75" x 47.75"
Edge	Micro bevel	Micro bevel	Micro bevel	Micro bevel
Pieces Per carton	16	16	18	16
Coverage per carton	38.67 sq. ft. (3.59 m <sup>2</sup> )	37.14 sq. ft. (3.45 m <sup>2</sup> )	36 sq. ft. (3.34 m <sup>2</sup> )	30.51 sq. ft. (2.83 m <sup>2</sup> )
Weight per carton	36.9 lbs. (16.73 kg.)	48 lbs. (21.73 kg.)	34.4 lbs. (15.6 kg.)	39 lbs. (17.7 kg.)
Cartons per pallet	52	40	55	50
Pallets per Container	20	20	20	20

### ASTM F 1700 Properties and Performance Specifications

ASTM F2055-10 Squareness	Passes - maximum 0.001 in. (0.25mm)
ASTM F2055 Size and Tolerance	Passes - at ±0.016 in./lin. Ft. (0.4 mm/305 mm)
ASTM F386 Thickness	Passes - as specified ±0.005 in. (0.13 mm)
ASTM F137 Flexibility	Passes - 1-in. (25.4-mm mandrel, no crack or break)
ASTM F2199 Dimensional Stability	Passes - no greater than 0.020 in./lin. Ft. (0.51 mm/305 mm)
ASTM F1914 Residual Indent	Passes - average less than 8%
ASTM F925 Resistance to Chemicals	Passes - no change
ASTM F1515 Resistance to Light	Passes - less than 8 avg., max
ASTM F1514 Resistance to Heat	Passes - less than 8 avg., max

### Additional Properties and Performance Specifications

ASTM F970 Static Load Limit	Passes – Exceeds 250 psi
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ASTM E648 Critical Radiant Flux	Passes - $\geq 0.45$ watts/cm <sup>2</sup> , Class 1
ASTM E662 Smoke Density	Passes - < 450
Slip Resistance	ADA Compliant
HUD/FHA Minimum Property Standards	Meets Guidelines
Indoor Air Quality	FloorScore Certified CHPS 01350 Certified
Impact Installation Method	Fully Adhered
Impact SmartLock Installation Method	Floating Floor
Impact Recommended Adhesives	Congoleum AD32 Adhesive (pressure sensitive) Congoleum AD62 Adhesive (wet set) Must be used when heavy static or rolling loads are present or where high performance requirements must be met
Impact SmartLock Adhesives	None
Subfloor Application	On, above or below grade level
National Green Building Standard ICC 700-2008:	Meets 9016 Requirements
LEED EQ4.3 Certified Low Emitting Product:	Meets Guidelines
LEED EQ4.1 Certified Low Emitting Adhesive:	Meets Guidelines
Warranty for Impact® Warranty for Impact SmartLock™	25 Year Residential / 7 Year Light Commercial 25 Year Residential / Light Commercial - None
Impact / Impact SmartLock is not recommended for use on ramps, in commercial areas that require static dissipative flooring, or in commercial areas where the surface temperature over radiant heated substrate exceeds 85° F. Impact / Impact SmartLock is intended only for indoor applications.	

### **Architectural Specification**

All floors shown in the finish schedule or listed in the specification shall be Impact or Impact SmartLock Luxury Solid Vinyl Flooring provided by Congoleum Corporation, in design and color (list color \_\_\_\_\_) selected from the range currently available from Congoleum Corporation, having a nominal total thickness of [Impact - 0.10 in. (2.5 mm) gauge, Impact SmartLock 0.13 in. (3.2 mm)] and sizes depending on designs in [Impact - 48 in. x 6 in. (1219.2 mm x 152.4 mm) or 48 in. x 7.25 in. (1219.2 mm x 184.2 mm); Impact SmartLock – 47.75” x 5.75” (1212.85mm x 146.05 mm) or 47.75” x 7” (1212.85 x 177.8 mm)], consisting of a 0.012 in. (0.3 mm) thick wear layer over a printed film on an intermediate layer over a filled vinyl backing. Flooring meets size, thickness, squareness, flexibility, residual indentation, resistance to chemicals, resistance to heat and resistance to light requirements of ASTM F 1700, “Standard Specification for Solid Vinyl Tile,” Class III, Type B – Embossed Surface. For Impact®, shall have a 7 Year Limited Light Commercial warranty against manufacturing defects. For Impact®, the adhesive shall be Congoleum AD32 or Congoleum AD62 for use under heavy static or rolling loads or where high performance requirements must be met.

For additional installation, maintenance, or technical information, visit our website at [www.congoleum.com](http://www.congoleum.com) or contact our Technical Services Department at 1-800-274-3266.

Please view actual product samples when making a selection as our printed colors may vary from actual product.