

# TECHNICAL INFORMATION & SPECIFICATIONS

## INSPIRATIONS

## 8MM

## LAMINATE FLOORING COLLECTION

### PRODUCT INFORMATION

<b>TOTAL PLANK THICKNESS</b>	8 mm	0.315"
<b>JOINT</b>	Glueless click	Megaloc 2 - fold down
<b>CORE MATERIAL</b>	High density fibreboard (HDF)	880 kg/m <sup>3</sup> or 55 lbs/ft <sup>3</sup>
<b>PLANK DIMENSIONS</b>	1285 mm x 192 mm	50.59" x 7.56"
<b>PLANKS PER CARTON</b>	8 planks	21.24 SF
<b>WARRANTY</b>	40 Years Limited Residential	5 Years Limited Commercial
<b>CERTIFICATION</b>	Greenguard Gold	Blue Angel, ECO institut
<b>COUNTRY OF MANUFACTURE</b>	Germany	Abrasion class AC4

### STANDARDS - MANUFACTURING & USAGE

	Performance	Test Method	Measure	
	Usage & Certification Level	NALFA/ANSI LF-01	Commercial, Certification Level 3 *	
	Static Load (indentation)	NALFA 3.1	≥ 8MPa (1160psi)	
	Thickness Swell	NALFA 3.2	≤ 16%	
	Light Resistance	NALFA 3.3	No More than Slight Effect	
	Cleanability/Stain Resistance	NALFA 3.4	Score < 20 No More Than Slight Effect	
NALFA/ANSI LF-01	Large Ball Impact Resistance	NALFA 3.5	> 1,200 mm (47.3 in)	
	Small Ball Impact Resistance	NALFA 3.6	> 350 mm (13.8 in)	
	Wear Resistance	NALFA 3.7	≥ 4,000 cycles	
	Dimensional Tolerances	NALFA 3.8	Meets and/or Exceeds	
	Castor Chair Resistance	NALFA 3.9	≥ 25,000 cycles, No Effect	
	Surface Bond	NALFA 3.10	1.25 N/mm <sup>2</sup>	
	Formaldehyde emission standards	NALFA 3.11	US EPA TSCA VI & CARB P2 TPC Certified Compliant	
	Flatness, Max % width, Max % length	NALFA 3.12	Meets and/or Exceeds	
	Openings, O Avg / O Max mm	NALFA 3.13	Meets and/or Exceeds	
	Ledging, h Avg < mm, h Max < mm	NALFA 3.14	Meets and/or Exceeds	
	Laminate Surface Swell Test	NALFA Laminate Surface Swell Test – Assembled Joint	Certified WR *	
	SUPPLEMENTARY	Thermal resistance	DIN EN 12667	0.08 (m <sup>2</sup> K) / W
		Janka Hardness	ASTM D1037	2,806 lbs force
		Anti-Static resistance	EN 1815	≤ 2 kV
Abrasion resistance		EN 13329 Annex E	Abrasion class AC4, ≥ 4,000 cycles	
Locking strength		ISO 24334	Long side: 3 kN/m Short side: 5 kN/m	
Slip resistance		ASTM C1028	> 0.60 SCOF	
		EN 13893	DS > 0.30 according to EN 14041	
Surface burning		ASTM E84	Class 2 or Class B, FSI 90 SDI 300	
Smoke density		ASTM E662	Flaming 160, Non-flaming 415	
Critical radiant flux	ASTM E648	0.52 W/cm <sup>2</sup> Class I		

\* Classen 8mm *INSPIRATIONS* Collection is NALFA Certified as well as Surface Swell, classifying the products as water resistant laminate flooring.