

INSPIRATIONS

8+2 MM

LAMINATE FLOORING COLLECTION

PRODUCT INFORMATION

<b>TOTAL PLANK THICKNESS</b>	10 mm (0.3937")
<b>JOINT</b>	Megaloc fold down glueless click
<b>CORE MATERIAL</b>	High density fibreboard (HDF)
<b>PLANK DIMENSIONS</b>	50.59" x 7.56" (1285mm x 192mm)
<b>PLANKS PER CARTON</b>	7 planks, 18.60 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

STANDARDS - MANUFACTURING & USAGE

	Performance	Test Method	Measure
NALFA/ANSI LF-01	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
	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
	Surface burning	EN 13893	DS > 0.30 according to EN 14041
	Smoke density	ASTM E84	Class 2 or Class B, FSI 90 SDI 300
	Critical radiant flux	ASTM E662	Flaming 160, Non-flaming 415
		ASTM E648	0.52 W/cm <sup>2</sup> Class I
SOUND	Sound Transmission Class (STC)	ASTM E90 & E413, 6" Conc. Slab 8" Conc. Slab w/Drop Ceiling	Sound transmission class STC 53 dB Sound transmission class STC 62 dB
	Impact Insulation Class (IIC)	ASTM E492 & E989, 6" Conc. Slab 8" Conc. Slab w/Drop Ceiling	Impact insulation class IIC 56 dB High-Frequency Impact insulation class HIIC 58 dB Impact insulation class IIC 74 dB High-Frequency Impact insulation class HIIC 88 dB
	Delta Impact Insulation Class (ΔIIC)	ASTM E2179	Delta impact insulation class ΔIIC 25 dB Delta High-Frequency impact insulation class ΔHIIC 30 dB

\* Classen 8mm INSPIRATIONS Collection is NALFA Certified Level 3 as well as Surface Swell, classifying the products as water resistant laminate flooring.