

HETEROGENEOUS SHEET FLOORING

Nidra™

Product Information

Construction - Heterogeneous

Product Line - Nidra™

International Specifications - ASTM F1303, Type I, Grade 1, Class B

Overall Thickness - 0.080 in. (2.0 mm)

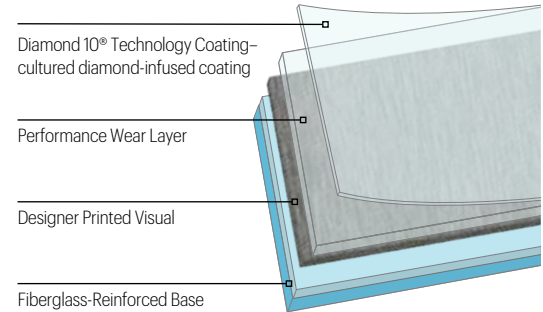
Wear Layer Thickness - 0.020 in. (0.50 mm)

Factory Finish - Diamond 10® Technology

Installation - S-995 Adhesive, S-580 Flash Cove Adhesive

Seams - Heat Weld or S-761 Seam Adhesive

Maintenance Options - Polish Optional



Packaging

Roll Length	Roll Width	Shipping Weight per Carton
up to 96 ft. (29.26 m)	6 ft. (1.83 m)	6.3 lbs./sq.yd. (3.375 kg/m ²)
up to 72 ft. (21.95 m)	9 ft. (2.74 m)	
up to 72 ft. (21.95 m)	12 ft. (3.66 m)	

Testing

Performance	Test Method	Requirement	Performance vs. Requirement
Total Thickness	ASTM F386	≥ 0.040 in.	Meets
Residual Indentation	ASTM F1914	≤ 0.012 in.	Meets
Static Load Resistance @ 175 psi	ASTM F970	≤ 0.005 in. (0.13 mm)	Meets
Flexibility	ASTM F137	1/4 in. mandrel no cracks or breaks in wear surface	Meets
Resistance to Chemicals	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	ΔE ≤ 8	Meets
Resistance to Light	ASTM F1515	ΔE ≤ 8	Meets
Additional Testing			
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class 1	Meets
Fire Test Data – Smoke Evolution	ASTM E662	450 or less	Meets
Fire Test Data – Canada	CAN\ULC S-102.2	Use dependent	Flame Spread - 65 Smoke Developed - 200
Static Load Resistance	ASTM F970*	< 0.005 in.	2000 psi
Wear Group Classification per EN649-volume loss	EN660-2	-	Wear Group T ≤ 2.0 mm ³
Ramp Test	DIN EN 16165	-	R10
ADA Standards for Accessible Design	CHAPTER 3 SECTION 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets
Static Coefficient of Friction**	ASTM D2047/ UL 410	≥ 0.5	Meets

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Sustainability

WELL v1 Feature

Air	Feature 04 - VOC Reduction
	Feature 11 - Fundamental Material Safety
	Feature 25 - Toxic Material Reduction
Mind	Feature 97 - Material Transparency
	Feature 88 (Part 2) Biophilia I - Qualitative
	Feature 99 - Beauty and Design II

Nidra
✓
✓
✓
✓
✓
✓

Contribution
Tested and third party certified by FloorScore® as complying with CDPH v1.2
Product is free of asbestos and added lead (Part 1)
Free of flame retardants (Part 2) and phthalates (Part 3)
Readily available Health Product Declaration® (HPD) to 1000 ppm
Products available that incorporate nature patterns
Provided patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature

Materials	Feature X01.1 Material Restrictions
	Feature X05.1 Enhanced Material Restrictions
	Feature X06.1 VOC Restrictions
	Feature X06.2 VOC Restrictions
	Feature X07.1 Material Transparency
	Mind
Community	

Nidra
✓
✓
✓
✓
✓
✓
✓

Contribution
Product is free of asbestos
Free of flame retardants (Part 2) and phthalates (Part 3)
Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
Readily available Health Product Declaration (HPD) to 1000 ppm
Products available that incorporate nature patterns
Provided patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1

BPDO - EPD
BPDO - Material Ingredient
BPDO - Sourcing
Location of Manufacturer
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
Adhesives meet <50 g/L requirement.

Nidra
Industry Average
HPD
20% pre-consumer recycled content
EPR - On&On Recycling Program
USA
Tested and third party certified by FloorScore as complying with CDPH v1.2
Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
S-995 - 0 g/L
S-580 - 0 g/L

Carbon Footprint

Global Warming Potential, including Biogenic Carbon Raw Materials (A1) through Production (A3)
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Nidra
0.79 kg CO ₂ eq. / square foot (8.53 kg CO ₂ eq. / square meter)

Limited Warranty

10-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit ArmstrongFlooring.com

for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.

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*Testing at loads above 250 psi is outside the scope of the test method. Since testing is conducted on uninstalled flooring, results do not consider the performance of the adhesive, underlayment, or subfloor. These test results are not an indicator of the installed flooring system performance.** Using the James Machine as described in D2047 and as directed in UL 410 for floor covering materials (FCM) using a leather foot under dry conditions. The application of site-applied floor sealers, polishes and other types of finishes routinely used to maintain resilient flooring materials will change the walking surface and consequently the SCOF value.

