

## HETEROGENEOUS SHEET FLOORING

**Nidra™ | Zenscape™**

### Product Information

**Construction** - Heterogeneous

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

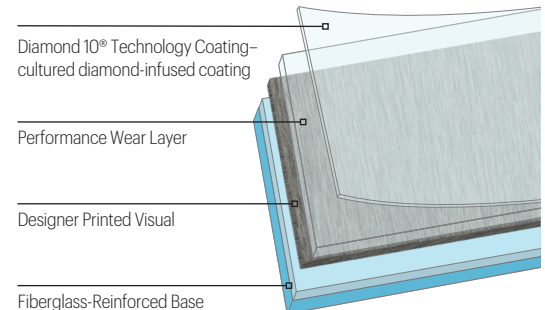
**Overall Thickness** - 0.080 in. (2.0 mm)

**Wear Layer Thickness** - 0.022 in. (0.55 mm)

**Factory Finish** - Diamond 10® Technology

**Installation** - S-995 Adhesive, Flip® Spray Adhesive,  
Heat Weld or S-763 Seam Adhesive

**Maintenance Options** - Polish Optional



### Packaging

Roll Length	Roll Width	Shipping Weight per Roll
Up to 75.5 ft. (23 m)	6.56 ft. (2.0 m)	5.90 lbs./sq. yd (.30 kg/m <sup>2</sup> )

### 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.	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
<b>Additional Testing</b>			
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm <sup>2</sup> 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 - 5 Smoke Developed - 70
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 <sup>3</sup>
Bacteria Resistance	ISO 846: PART C	–	No Observed Growth
ADA Standards for Accessible Design	CHAPTER 3 SECTION 302.1	Floor surfaces shall be stable, firm and slip-resistant	Meets
Antistatic Properties	EN 1815	≤ 2.0 kV	Meets (antistatic)
Static Coefficient of Friction**	ASTM D2047/ UL 410	≥ 0.5 in.	Meets

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Sustainability

WELL v1 Feature		Nidra / Zenscape	Contribution
Air	Feature 04 - VOC Reduction	✓	Tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature 11 - Fundamental Material Safety	✓	Product is free of asbestos and added lead (Part 1)
	Feature 25 - Toxic Material Reduction	✓	Free of flame retardants (Part 2) and phthalates (Part 3)
Mind	Feature 97 - Material Transparency	✓	Readily available Health Product Declaration (HPD) to 1000 ppm
	Feature 88 (Part 2) Biophilia I - Qualitative	✓	Products available that incorporate nature patterns
	Feature 99 - Beauty and Design II	✓	Provided patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature		Nidra / Zenscape	Contribution
Materials	Feature X01.1 Material Restrictions	✓	Product is free of asbestos
	Feature X05.1 Enhanced Material Restrictions	✓	Free of flame retardants (Part 2) and phthalates (Part 3)
	Feature X06.1 VOC Restrictions	✓	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X06.2 VOC Restrictions	✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
	Feature X07.1 Material Transparency	✓	Readily available Health Product Declaration (HPD) to 1000 ppm
Mind	Feature M02.1 Nature and Place	✓	Products available that incorporate nature patterns
	Community Feature C13 (Part 2) Accessibility and Universal Design	✓	Provided patterns and colors to aid in wayfinding and spatial familiarity

LEED™ v4.1	Nidra / Zenscape
BPDO - EPD	Product Specific
BPDO - Material Ingredient	HPD
BPDO - Sourcing	13% pre-consumer recycled content
Location of Manufacturer	China
Low Emitting Flooring	Tested and third party certified by FloorScore as complying with CDPH v1.2
Low Emitting Adhesives	Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
SCAQMD #1168 Compliant.	Flip® Spray = 0 g/L
Adhesives meet <50 g/L requirement.	S-995 = 0 g/L
	S-763 = 136 g/L

Carbon Footprint	Nidra / Zenscape
Global Warming Potential, excluding Biogenic Carbon	0.80 kg CO <sup>2</sup> eq. / square foot
Raw Materials (A1) through Production (A3)	(8.57 kg CO <sup>2</sup> eq. / square meter)

Limited Warranty

10-year Commercial Warranty when installed in strict accordance with the detailed instructions.  
A 10-year underbed warranty applies when installed with S-995 Adhesive

Visit [ArmstrongFlooring.com](https://www.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.

