

## PVC-FREE HOMOGENEOUS SHEET FLOORING

### MedinPure™

### Product Information

**Construction** - Homogeneous

**International Specifications** - ASTM F1913\*, EN 14565, ISO 10581\*

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

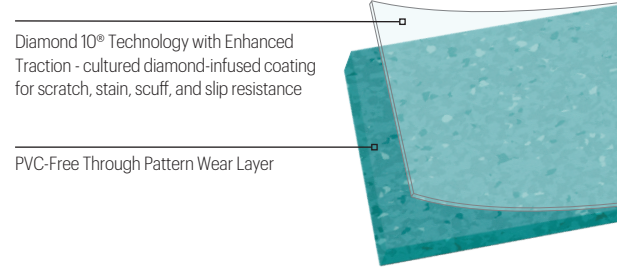
**Wear Layer Thickness** - 0.080 in. (2.0 mm)

**Factory Finish** - Diamond 10® Technology with Enhanced Traction

**Installation** - Full Spread Adhesive: S-995, Flash Cove Adhesive: S-580,

Seams: Heat Weld with PVC-Free Weld Rods or S-761 Seam Adhesive

**Maintenance Options** - Polish, No Polish - Spray Buff, No Polish - No Buff



### Packaging

Roll Length	Roll Width	Shipping Weight per Carton
Up to 98.4 ft. (30 m)	6 ft. 7 in. (2.0 m)	Approx. 4.68 lbs./sq. yd. (2.53 kg /sq. m)

### Testing

ASTM F1913*			
Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	≥ 0.075 in.	Meets
Residual Indentation	ASTM F1914	≤ 0.007 in.	Meets
Static Load Resistance @ 250 psi	ASTM F970	≤ 0.005 in.	Meets
Flexibility	ASTM F137	1½ 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 Light	ASTM F1515	ΔE ≤ 8	Meets
EN 14565 and ISO 10581*			
Overall Thickness	ISO 24346	Nominal value +0.13 mm /-0.10 mm	Meets
Mass per unit area	ISO 23997	+13% / -10%	Meets
Residual Indentation	ISO 24343-1	≤ 0.10 mm	Meets
Dimensional Stability	ISO 23999	≤ 0.20% expansion/shrinkage   ≤ 8 mm curling	Meets
Flexibility	ISO 24344, Method A	20 mm mandrel	Meets
Effect of caster chair	ISO 4918	No delamination	Meets
Color fastness to artificial light	ISO 105-B02, Method 3	6 minimum	Meets
Seam Strength	EN 684	Average ≥ 240 N/50 mm	Meets
Additional Testing			
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 - 70   Smoke Developed - 245
Static Load Resistance	ASTM F970**	< 0.005	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
Ramp Test	DIN 51130	-	R10
Isocyanate Content	ISO14896	-	None Detected
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	≥ 0.6	Meets
Acoustics	ASTM E492	Impact Insulation Class	IIC – 50 (6" concrete - no ceiling)
	ASTM E2179	Sound Transmission Class	STC – 53 (6" concrete - no ceiling)
	ASTM E90	Sound Transmission Reduction	Delta IIC ( IIC) – 21
	ASTM E3133	Radiated Impact Sound	LWA 86 (6" concrete - no ceiling)
	ISO 10140-3	Impact Sound Insulation	Delta LW ( LW) – 17dB

## PVC-FREE HOMOGENEOUS SHEET FLOORING

**MedinPure™**

### Sustainability

#### WELL v1 Feature

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

#### MedinPure

✓
✓
✓
✓
✓
✓

#### 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

<b>Materials</b>	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
	Feature X08.1 Material Optimization
	<b>Mind</b>
<b>Community</b>	Feature C13 (Part 2) Accessibility and Universal Design

#### MedinPure

✓
✓
✓
✓
✓
✓
✓
✓
✓

#### 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
Third party certified Red List Free Declare Label
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
Location of Manufacturer
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
VOC limit for flooring adhesives is <50 g/L.

#### MedinPure

Product Specific
Third party certified HPD and Red-List Free Declare Label
China
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, excluding Biogenic Carbon
Raw Materials (A1) through Production (A3)

#### MedinPure

1.34 Kg CO <sup>2</sup> eq. / square foot
(14.44 Kg CO <sup>2</sup> 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.

F10350-322

Armstrong and the Armstrong logo are under license from AWI Licensing LLC. | All other trademarks are owned by AFI Licensing LLC. | © 2022 AFI Licensing LLC. FloorScore® is a registered trademark of the Resilient Floor Covering Institute. | LEED® is a registered trademark of the United States Green Building Council. The Health Product Declaration® logo is a registered trademark of HPD Collaborative.

\*Performance requirements only; product is free of halogens, including chlorine (PVC), fluorine, bromine, iodine. \*\*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.

