

Product Information

Construction - Inlaid

International Specifications - ASTM F1303 Type II, Grade 1, Class A Backing

Overall Thickness - 0.080 in. (2.0 mm)

Wear Layer Thickness - 0.050 in. (1.27 mm)

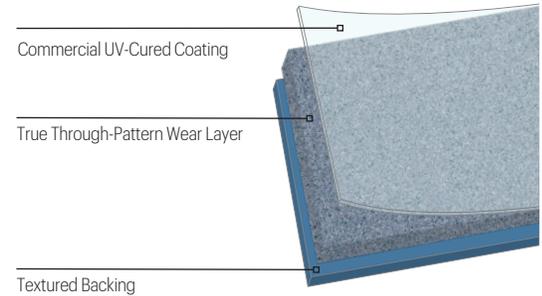
Factory Finish - UV-cured Polyurethane

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

Seams: Heat Weld or S-761 Seam Adhesive

Maintenance Options - Polish, No Polish - Dry Buff

No Polish - Spray Buff



Packaging

Roll Length	Roll Width	Shipping Weight per Roll
Up to 82 ft. (25 m)	6 ft. (1.83 m)	Approx. 6.0 lbs./sq. yd. (3.3 kg/sq. m)

Testing

ASTM F1303			
Performance	Test Method	Requirement	Performance vs. Requirement
Wear Layer Composition	Certificate of Compliance	34% binder	Meets
Total Thickness	ASTM F386	≥ 0.040 in.	Meets
Wear Layer Thickness	ASTM F410	≥ 0.050 in.	Meets
Residual Indentation	ASTM F1914	≤ 0.007 in.	Meets
Flexibility	ASTM F137	1 ½ inch 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
Static Load Resistance @ 175 psi	ASTM F970	≤ 0.005 in.	Meets
Additional Testing			
Static Load Resistance	ASTM F970*	≤ 0.005 in.	500 psi
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 in.	Meets
Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm ² or more Class I	Meets
Fire Test Data – Canada	CAN/ULC S-102.2	Use dependent	Flame Spread - 45 Smoke Developed - 105 F

Sustainability

WELL v1 Feature

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

WELL v2 Feature

	Corlon	Contribution
Materials	Feature X01.1 Material Restrictions	✓
	Feature X05.1 Enhanced Material Restrictions	✓
	Feature X06.1 VOC Restrictions	✓
	Feature X06.2 VOC Restrictions	✓
	Mind	Feature M02.1 Nature and Place
Community	Feature C13 (Part 2) Accessibility and Universal Design	✓

LEED® v4.1

	Corlon
BPDO - EPD	Industry Average
BPDO - Sourcing	EPR - On&On Recycling Program
Location of Manufacturer	Korea
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.	S-995 - 0 g/L
Adhesives meet <50 g/L requirement	S-580 - 0 g/L

Carbon Footprint

	Corlon
Global Warming Potential, excluding Biogenic Carbon Raw Materials (A1) through Production (A3)	0.65 Kg CO ² eq. / square foot (7.04 Kg CO ² eq. / square meter)

Limited Warranty

5-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.

