

As a market leader and progressive company, we recognize it is our responsibility to create and live by sustainable business practices.

Performance Criteria	Test Method	Requirement	Harbinger Result
Classification	ASTM F1700-04	ASTM F1700 Standard Specification for Solid Vinyl Floor Tile	Class III Type B Embossed Surfaces
FloorScore	Scientific Certification Systems (SCS)	FloorScore Indoor Air Quality (IAQ)	Meets IAQ of LEED, CHPS and Green Guide for Health Care
FloorScore - Phenol	(SCS)	Allowable concentration 100 (µg/m³)	Phenol free wear layer
voc	State of California DOHS R-174	Volatile Organic Compound and Aldehyde Emissions test. Allowable: 500 mg/m³.h	44μg/m ³ .h Less than10% of allowable level
Critical Radiant Flux	ASTM E648-10	Class 1, 0.45w/cm ² or higher	Pass; Class 1
Smoke Density (flaming)	ASTM E662-09	Specific optical density max. 450	Pass; < 357
Smoke Density (non- flaming)	ASTM E662 -09	Specific optical density max. 450	Pass; < 339
Slip Resistance	ASTM D2047	Static coefficient of friction: OSHA min. 0.5; ADA (guideline) min. 0.6	Pass 0.90 (wet); compliance varies with surface texture
Heavy Metal Content	ASTM F963	Best = no detectable heavy metals	No detectable heavy metals <1.5mg/kg
Phthalate	CPSC-C1001- 09.3	Meet CPSA Guideline	Exceeds CPSA guideline. Harbinger is phthalate free.
Static load limit	ASTM F970	Specified load 250lbs	Residual compression 0.004 inch
Flexibility	ASTM F137	No cracks/breaks	Pass; 6mm Mandrel
Color Fastness (heat)	ASTM F1514	Max. average delta E of 8	Pass
Color Fastness (light)	ASTM F1515	Max. average delta E of 8	Pass
Quality Control Management	ISO 9001 achieved	Environmental Management	ISO 14001 achieved
Heat Stability	ASTM F1514	Less than 8.0 Delta E	Pass
Residual Indentation	ASTM F1914-98	Specified load 140lbs	0.006 inch (3.5%)
Stain and Chemical Resistance	ASTM F925-2	Best = no change	No change
Dimensional Stability	ASTM F2199	< 0.10%	Pass, < 0.08%
IIC (Impact Insulation Class)	ASTM E492	Recommended IIC of 50 for commercial buildings	IIC 73* tested on 6" concrete (Varies by product)
STC (Sound Transmission Coefficient)	ASTM E90-09 ASTM E413-10	Recommended STC of 50 for commercial buildings	STC 68* tested on 6" concrete (Varies by product)
Radiant Heat Suitability	-	Suitable for under floor heating	Up to 28°C (82°F)

LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN LEED v4			
Building Design and Construction: New Construction LEED v4	Building product disclosure and optimization – Environmental Product Declarations (EPD) (up to 2 points)	Harbinger Environmental Product Declaration (EPD) accredited by SCS Global Services	
Building Design and Construction: New Construction LEED v4	Building product disclosure and optimization – material ingredients (up to 2 points)	Harbinger Health Product Declaration (HPD) accredited by SCS Global Services	
Building Design and Construction: New Construction LEED v4	Certified Multi-Attribute Products and Material (possible 1 point)	Harbinger NSF/ANSI 332 Platinum Certification The highest level of performance recognized.	
Building Design and Construction: New Construction LEED v4	Low emitting materials (up to 3 points)	Harbinger Flooring is FloorScore certified Uzin KE2000S and KE 66 adhesive are VOC compliant.	
Building Design and Construction: New Construction LEED v4	Verified Construction and Demolition Recycling Rates (possible 1 point)	Harbinger is fully recyclable	

www.HarbingerFloors.com
HARBINGER NORTH AMERICA TOLL FREE TELEPHONE 1-866-646-6519





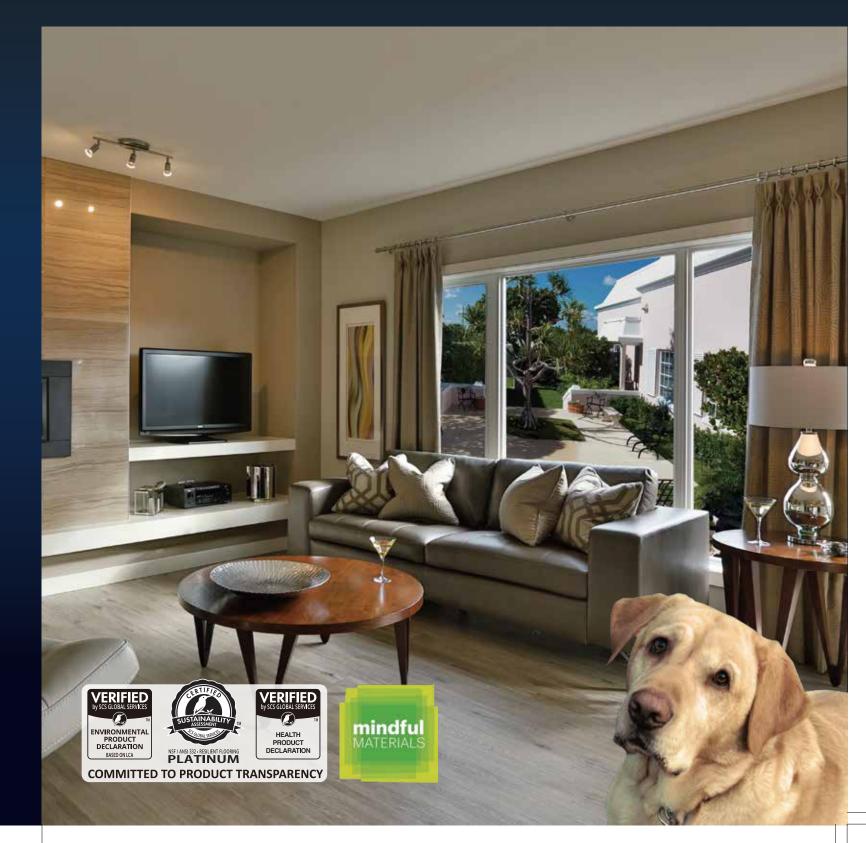


Harbinger is committed to an environmentally and socially responsible business practice. To ensure highest quality product, Harbinger is made with bio-based plasticizer and virgin PVC. This guarantees a product free of heavy metals, phthalates and phenols.

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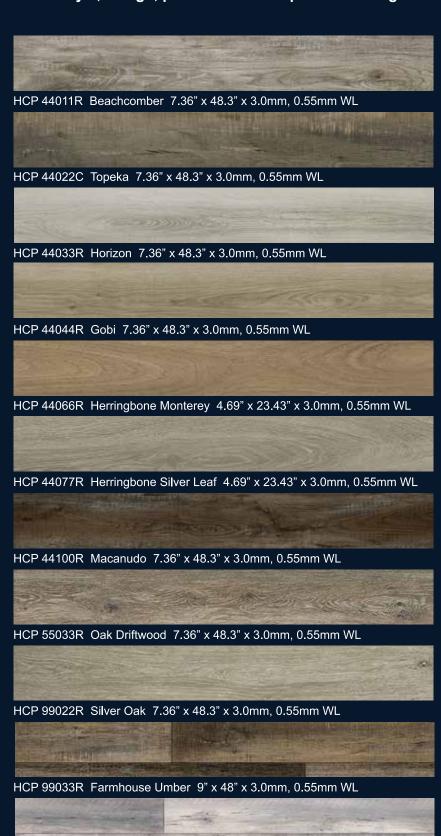
Harbingerfloors.com

The beauty of wood and natural stone meets the ease and durability of ${\it Harbinger}^{"}$



Craftsman Scries

Where style, design, performance and price come together in harmony.



HCP 99044R Farmhouse Nordic 9" x 48" x 3.0mm, 0.55mm WL

HCP 99066T Burmese Teak 9" x 48" x 3,0mm, 0,55mm WL

Why Choose Harbinger?

Harbinger vinyl flooring is virtually indistinguishable from the natural beauty of the materials which inspire its designs – yet it minimizes the practical drawbacks of natural flooring by providing increased performance with lower maintenance.

Harbinger flooring is made from extremely durable pure vinyl with 4S technology.





Benefits:

Heavy commercial wear layer (22mil/0.55mm) ensures superior durability, wear resistance and lower maintenance vital to commercial applications.

Provides lower lifecycle costs than most flooring products – outperforming laminates and hardwoods.

Manufactured under ISO 9001:2008 quality control and ISO 14001:2004 environmental mangagement standards.

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THE QUIET ZONE Your all in one acoustical flooring solution.







TQZ 1511H Serene 7.36" x 48.3" x 4.5mm, 0.55mm WL

TQZ 1510R Nimbus 7.36" x 48.3" x 4.5mm, 0.55mm WL



TQZ 1517H Tavern Tobacco 7.36" x 48.3" x 4.5mm, 0.55mm WL





TQZ 4404R Cirrus 7.36" x 48.3" x 4.5mm, 0.55mm WL



TQZ 2301R Copenhagen 8.11" x 60.24" x 4.5mm, 0.55mm WL



TQZ 2302R Sea Salt 8.11" x 60.24" x 4.5mm, 0.55mm WL



IIC 72 STC 70



TQZ 2303T Coastal Fog 12"x36"x4.5mm, 0 .55 WL

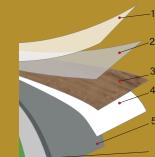


TQZ 2304T Mountain Fog 12" x 36"x4.5mm, 0.55 WL



TQZ 2305T Night Sky 12" x 36" x 4.5mm, 0.55 WL



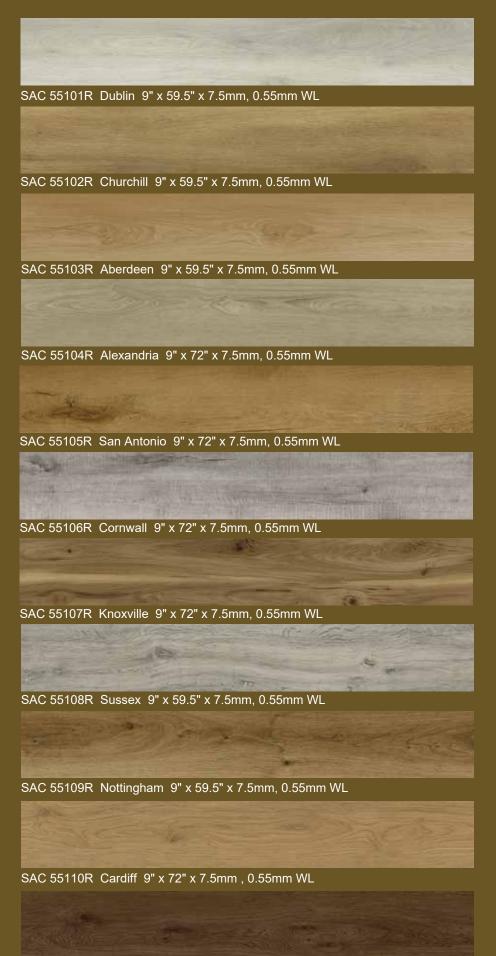


- -1. Harbinger proprietary 4S coating
- 2. Duratec™ high molecular phenol free wear layer
- B. Decorative Image
- 4. Dimensionally stable print film
- 5. Duracore™ phthalate free vinyl structural layer 6. Balanced Layer

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Signature Acoustic Click

A premium waterproof product, built to withstand the rigors of daily life.



SAC 55111R Canterbury 9" x 72" x 7.5mm , 0.55mm WL



SAC 55001S Gaudi 16" x 32" x 7.5mm, 0.55mm WL



SAC 55002S St. Tropez Limestone 16" x 32" x 7.5mm, 0.55mm WL



SAC 55003S Amtico Grey 16" x 32" x 7.5mm, 0.55mm WL



SAC 55004S Marengo Grey 16" x 32" x 7.5mm, 0.55mm WL



SAC 55005S Kaya 16" x 32" x 7.5mm, 0.55mm WL





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SAC 55120R Durham 7.1" x 48" x 7.5mm, 0.55mm WL $\,$



SAC 55121R Sheffield 7.1" x 48" x 7.5mm , 0.55mm WL



SAC 55122R York 7.1" x 48" x 7.5mm, 0.55mm WL



SAC 55006S Nero 16" x 32" x 7.5mm, 0.55mm WL



SAC 55007S Selene 16" x 32" x 7.5mm, 0.55mm WL



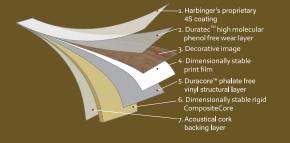
SAC 55008S Marmo 16" x 32" x 7.5mm, 0.55mm WL



SAC 55009S Basalt 16" x 32" x 7.5mm, 0.55mm WL



SAC 55010S Bantame 16" x 32" x 7.5mm, 0.55mm WL



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ESSENTIALS Like a well selected wardrobe, Essentials' neutral palette is always in style.

HES 24011T Dune

HES 24022T Sahara

HES 24066T Perissa

12" x 24" x 3.0mm, 0.55mm WL

12" x 24" x 3.0mm, 0.55mm WL

12" x 24" x 3.0mm, 0.55mm WL



HES 23055R Gibraltar Grey 6" x 48" x 3.0mm, 0.55mm WL



HES 23066R Hampton Greige 6" x 48" x 3.0mm, 0.55mm WL



HES 23077R Beach House 6" x 48" x 3.0mm, 0.55mm WL



HES 23088T Laurel Oak 6" x 48" x 3.0mm, 0.55mm WL



HES 88088T Carolina Spalted Cherry 6" x 48" x 3.0mm, 0.55mm WL





CONTRACT SERIES

Durability, style and low maintenance at contractor pricing.



HVP 11066H American Walnut 6" x 48" x 2.0mm, 0.3mm WL



HVP 22044T Coventry Spice 6" x 48" x 2.0mm, 0.3mm WL



HVP 22055T Savannah Oak 6" x 48" x 2.0mm, 0.3mm WL



HVP 22077T Bonsai Maple 6" x 48" x 2.0mm, 0.3mm WL



HVP 22088T Tumbleweed 6" x 48" x 2.0mm, 0.3mm WL



HVP 22099T Sienna 6" x 48" x 2.0mm, 0.3mm WL



HVP 99055H Tavern Whiskey 6" x 48" x 2.0mm, 0.3mm WL

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