

Empower™ Rigid Core Flooring



Our Toughest, Most Durable Surface

Diamond 10® Technology keeps floors looking newer, longer.



Extreme Stability

Empower's reinforced mineral core provides enhanced dimensional stability making it a great choice for three season rooms or for use in direct sunlight.



Indent Resistant

25X more indent resistant than WPC flooring.



Noise Control

Reduced sound transmission from attached underlayment.



100% Waterproof Planks

Empower rigid core flooring is perfect for high moisture areas such as kitchens, bathrooms and laundry rooms.

Product Specifications

Core	RMC
Nominal Size	Wide Width: 9" x 72" Multi-Width: 4", 6", & 7" x 72"
Overall Thickness	7 mm - 6 mm reinforced mineral core & 1 mm underlayment
Wear Layer	20 mil - Diamond 10® Technology
Edge Detail	Painted Micro-bevel
Coverage	Wide Width - 18.19 sq. ft. per ctn, Multi-Width - 17.1 sq. ft. per ctn
Installation	Angle Locking Below/On/Above Ground Level
Warranty	Lifetime Limited Residential/15-year Limited Commercial
Flame Spread ASTM E 648	0.45 W/cm ² or more Class I
Smoke Evolution ASTM E 662	450 or less
Acoustical Performance:	IIC 56, STC 52, ΔIIC 25

20 mil Wear Layer with Diamond 10® Technology

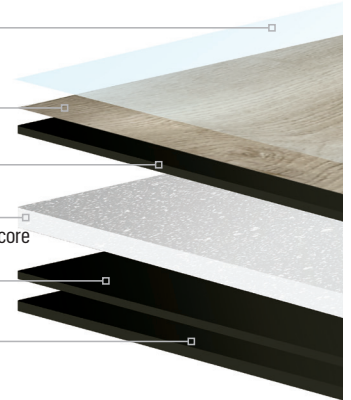
Design layer

Resilient layer

Fiberglass reinforced mineral core

Resilient layer

Acoustic pad



2021 Recommended Style List



A6534
Viking Hickory Flaxen Field
9" x 72"



A6535
Viking Hickory Norse Brown
9" x 72"



A6536
Norden Oak Arctic Snowflake
9" x 72"



A6537
Norden Oak Oslo Brown
9" x 72"



A6538
Norden Oak Harbor Seal
9" x 72"



A6539
Norden Oak Blonde Blush
9" x 72"



A6540
Urban Age Mineral Gray
9" x 72"



A6544
Scandia Oak Reindeer Brown
4", 6" & 7" x 72"



A6541
Scandia Oak Midsummer Sun
4", 6" & 7" x 72"



A6542
Scandia Oak Nordic Dew
4", 6" & 7" x 72"

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2021 Recommended Style List



A6543
Scandia Oak Tundra Gray
4", 6" & 7" x 72"



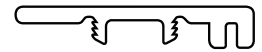
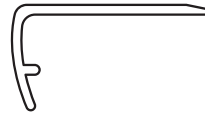
A6545
Inari Lodge Baltic Blue
4", 6" & 7" x 72"

Performance / Specification	Test Method	Minimum Requirements	Performance vs. Requirement
Thickness (w/ back layer)	ASTM F387	As specified ± 0.008 in. (0.20 mm)	283 mils ± 0.008 in.
Wear Layer Thickness	ASTM F410	0.020 in. minimum for commercial use	Meets
Size	ASTM F2055 ISO 24337	Width: as specified ± 0.016 in. (0.40 mm) Length: as specified ± 0.060 in. (1.5 mm)	Meets or exceeds
Squareness	ASTM F2055	Maximum 0.010 in. (0.25 mm)	Meets or exceeds
Flatness - Max	ISO 24337	Fw ± 0.008 in. (0.2mm) for planks or tiles ≤ 9 in. (229 mm) wide Fw concave $\leq 0.15\%$ / Fw convex $\leq 0.20\%$ for all other widths	Meets or exceeds
Openings, Avg / Max	ISO 24337	Oavg ≤ 0.004 in. (0.1 mm) / OM ≤ 0.008 in. (0.2 mm)	Meets
Ledging, Avg / Max	ISO 24337	Havg ≤ 0.004 in. (0.1 mm) / HM ≤ 0.006 in. (0.15 mm)	Meets or exceeds
Residual Indentation	ASTM F1914	Avg. $\leq 8\%$	Meets or exceeds
Surface Integrity	ASTM F1914	No puncture thru wear layer/décor in to rigid core	Meets or exceeds
Static Load Limit	ASTM F970 ASTM F387	Max loading: 250 lb/in ² (1.72 MPa) Max residual indent: 0.005 in. (0.013 mm)	Meets or exceeds commercial requirements; Pass at 1450 psi
Dimensional Stability	ASTM F2199 ISO 23999	0.2% per lin. ft (305 mm)	Meets or exceeds commercial requirements
Curl	ASTM F2199 ISO 23999	Max 0.080 in. (2 mm)	Meets or exceeds
Chemical Resistance	ASTM F925	No more than a slight change in surface dulling, surface attack, or staining	Meets
Resistance to Light	ASTM F1515	$\Delta E < 8$ avg., max	Pass, Class 4 Heavy Commercial
Resistance to Heat	ASTM F1514	$\Delta E < 8$ avg., max	Meets or exceeds
Castor Wheel	EN 425	25,000 cycles - No effect	Meets

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Performance / Specification	Test Method	Minimum Requirements	Performance Vs. Requirement
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
Canadian Flame Spread	CAN/ULC S102.2	-	4
Canadian Smoke Developed	CAN/ULC S102.2	-	45
Indoor Air Quality	CDHP v.1.1 2010 / FloorScore™	Meets Requirements	Certified
Low Emitting Material	Sustainability	Meets Certification Guidelines	Certified
Static Coefficient of Friction	ASTM C 1028-96	-	Pass ADA/OSHA standard

Coordinated Trim & Accessories



Design/Color	SKU	Multi-Purpose Trim	Overlap Stairnose	Flush Stairnose	End Cap Trim
Viking Hickory Flaxen Field	A6534	A6534TRM	A6534STR	A6534FSN	A6534ECP
Viking Hickory Norse Brown	A6535	A6535TRM	A6535STR	A6535FSN	A6535ECP
Norden Oak Arctic Snowflake	A6536	A6536TRM	A6536STR	A6536FSN	A6536ECP
Norden Oak Oslo Brown	A6537	A6537TRM	A6537STR	A6537FSN	A6537ECP
Norden Oak Harbor Seal	A6538	A6538TRM	A6538STR	A6538FSN	A6538ECP
Norden Oak Blonde Blush	A6539	A6539TRM	A6539STR	A6539FSN	A6539ECP
Urban Age Mineral Gray	A6540	A6540TRM	A6540STR	A6540FSN	A6540ECP
Scandia Oak Midsummer Sun	A6541	A6541TRM	A6541STR	A6541FSN	A6541ECP
Scandia Oak Nordic Dew	A6542	A6542TRM	A6542STR	A6542FSN	A6542ECP
Scandia Oak Tundra Gray	A6543	A6543TRM	A6543STR	A6543FSN	A6543ECP
Scandia Oak Reindeer Brown	A6544	A6544TRM	A6544STR	A6544FSN	A6544ECP
Inari Lodge Baltic Blue	A6545	A6545TRM	A6545STR	A6545FSN	A6545ECP