

Technical Datasheet

Korlok Reserve



Sice ASTM F2421 See page 2 Locking system** 26" angling installation system Wore tayer ASTM F410 20mil (0.50 mm) Surface treatment K-Gunde** PU coating Warranty** Commercial 15 Years Breeled origin Micro Micro Standard ASTM F261 Pass: Realibent thoring with Rigid Polymeric Core Reaction to fire ASTM E648-66 Class 1 Flammability Seed FF F-77, Federal Approval Pass Sign resistance* ASTM E648-66 Class 1 Sign resistance* ASTM E648-66 Class 1 Sign resistance* ASTM E649-6 Pass (No change) Stating resistance* ASTM E649-6 Pass (No change) Stating resistance* ASTM E625 Pass (No change) Stating resistance* ASTM E625 Pass (No change) Abrassiance sestature ASTM E619-6 Pass (So change) Electrostitic properally ASTM E619-6 Pass (So change) Action E719-799 AGC -2 de Ber Concrete Slab w/Drop Ceiling 1		Standard	Result	
Locking system* 20° angling installation system Wear layer ASTM F410 20 mil (0.50 mm) Surface treatment Kouards*** PLO coating Warranny** Commercial 15 Years Boveled adge Lifetime Boveled adge Micro Standards ASTM F3281 Pass Realitant flooring with Rigid Polymeric Coro Reaction to fire ASTM E684-96 Class 1 Reaction to fire ASTM E684-96 Class 1 Slipre esistance* ASTM E684-96 Pass (No change) Stering resistance* ASTM E684-96 Pass (No change) Stering resistance ASTM E684-96 Pass (No change) Direction to filing resistance ASTM E684-96 Pass (No change) Direction to filing resistance ASTM E7199 Pass (No change) Direction to provide reduction ASTM E7199 Pass (No change) Direction to	Thickness	ASTM F387	6.5 mm	
Work layor ASTM F410 20 mil (0.50 mm) Surface treatment K-Guard+* PU coating Worranty** Commercial 15 Years Worranty** Residential Uffetime Beveled edge Micro Standards ASTM E688-08 Class 1 Reaction to fire ASTM E688-08 Class 1 Flammability test FF1-70, Federal Approval Pass (Day o. 8) Stip resistance** ASTM P2047 Pass (No change) Stip resistance* ASTM F215 Pass (No change) Electrostatic properatity ATTM F1515 Pass (No change) Electrostatic properatity ATTM F2196 +1.4 kV Abrasion resistance ASTM F2199 Pass (20,000 Cycles) Dimensional stability ASTM E2179-99 MIC* 21 dB Accoustic properatity ASTM E2179-99 MIC* 21 dB Stutic load ASTM F2196 Pass (Roo change) Stutic load ASTM F2199 MIC* 21 dB (** Concrete Slab w/Drop Celling* QuietCholee) Stutic load ASTM F299 Pass (Roo See (Sop si at 0.005*)*	Size	ASTM F2421	See page 2	
Surface treatment K-Quard+* PU coating Warrany² Commercial 15 Years Beveled edge Horio Horio Strandards ASTM F281 Peass Resilient flooring with Rigid Polymeric Core Reaction to fire ASTM F284-96 Class 1 Flammability tost FF1-70; Federal Approval Pass (Dry> 0.8) Staining resistance² ASTM F292- Pass (No change) Staining resistance ASTM F1515 Pass (No change) Electrostatic propensity ASTM F1916 Pass (20,000 Cycles) Abrasion resistance ASTM F2199 Pass (20,000 Cycles) Abrasion resistance ASTM E482-09 Pass (20,000 Cycles) Abrasion resistance ASTM E482-09 Pass (20,000 Cycles) Abrasion resistance ASTM E482-09 Pass (20,000 Cycles) Abrasion resistance ASTM F1914 Pass (20,000 Cycles) Abrasion resistance ASTM F279-09 AliC = 21 db Abrasion resistance ASTM F279-09 AliC = 21 db Static load ASTM F279-09 AliC = 21 db Thickness swell ASTM	Locking system ¹		2G™ angling installation system	
Warranty ² Commercial 15 Years Warranty ² Residential Ufetime Beweld diglo Micro Standards ASTM 5281 Pass Realilent flooring with Rigid Polymeric Core Reaction to fire ASTM 5281 Pass Realilent flooring with Rigid Polymeric Core Reaction to fire ASTM 5284-06 Class 1 Reaction to fire ASTM 5284-06 Class 1 Reaction to fire ASTM 5284-06 Class 1 Reaction to fire ASTM 5284-06 Pass (Dry > 0.8) Staining resistance ASTM 5295 Pass (No change) Staining resistance ASTM 5295 Pass (Ro Change) Electrostitic propensity ATIC 134-1996 -1.4 kV Abrasion resistance ASTM 5299 Pass (20,000 Cycles) Dimensional stability ASTM 52199 Pass (20,000 Cycles) Dimensional stability ASTM 5290 MIC = 9 dl (6" Concrete Slab w/Drop Celling*) Static load ASTM F970 Pass (650 psi at 0.005") Static load ASTM F1914 Pass Thickness swell NALF 3.2 P	Wear layer	ASTM F410	20 mil (0.50 mm)	
	Surface treatment		K-Guard+® PU coating	
Bewelted adge Micro Standards ASTM F3261 Pass: Resilient flooring with Rigid Polymeric Core Reaction to fire ASTM E648-06 Class 1 Flammability test F1 -70; Federal Approval Pass Silip resistance³ ASTM D2047 Pass (Dry > 0.8) Staining resistance ASTM D2047 Pass (No change) Staining resistance ASTM F1515 Pass (No change) Electrostatio propensity AATCC 134-1996 -1.4 kV Abrasion resistance ASTM D4060 Pass (20,000 Cycles) Dimensional stability ASTM F2199 Pass Acoustic impact noise reduction ASTM F2199 AIC = 21 dB Acoustic impact noise reduction ASTM F970 Pass (650 pai at 0.005*) Static load ASTM F970 Pass (650 pai at 0.005*) Indentation - residual ASTM F970 Pass (60 pai at 0.005*) Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m³ k/W Adhesive FloorScore* SCE-C10.3-2014 v4.0 Certified Environmental P	Warranty ²	Commercial	15 Years	
Standards ASTM F3261 Pass: Resilient flooring with Rigid Polymeric Core Reaction to fire ASTM E648-06 Class 1 Flammability test FF 1-70; Federal Approval Pass Silip resistance³ ASTM D2047 Pass (Dry > 0.8) Staining resistance ASTM D2047 Pass (No change) Staining resistance ASTM F1515 Pass Electrostatic propensity AATCC 134-1996 -1.4 kV Abrasion resistance ASTM D4060 Pass (20,000 Cycles) Dimensionals tability ASTM E219-09 Pass (20,000 Cycles) Accusatic impact noise reduction ASTM E419-09 IIC = 21 dB (6" Concrete Slab w/Drop Celling) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²K/W Adhesive Noe; refer to installation instructions Environmental FloorSoore* SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD Environmental Product Declaration Type III EPD Environmen		Residential	Lifetime	
Reaction to fire ASTM E648-06 Class 1 Flammability test FF 1-70; Federal Approval Pass Stip resistance 3 ASTM D2047 Pass (Dry > 0.8) Staining resistance ASTM P255 Pass (No change) Light fastness ASTM F1515 Pass Electrostatic propensity AATCC 134-1996 -1.4 kV Abrasion resistance ASTM D4060 Pass (20,000 Cycles) Dimensional stability ASTM F2199 Pass Acoustic impact noise reduction ASTM E2179-09 AIIC = 21 dB ACOUSTIC MEET TO BE (8" Concrete Stab w/Drop Ceilling + QuietChoice) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass (Class 4) Thickness swell NALF A3.2 Pass (Class 4) Thickness swell NALF A3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²V/W Adhesive Underfloor heating Suitable. Max 85°F Environmental FloorScore* SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD	Beveled edge		Micro	
Flammability test FF 1-70; Federal Approval Pass Silip resistance³ ASTM D2047 Pass (Dry > 0.8) Staining resistance ASTM F925 Pass (No change) Light festness ASTM F1515 Pass Electrostatic propensity AATCC 134-1996 -1.4 kV Abrasion resistance ASTM D4060 Pass (20,000 Cycles) Dimensional stability ASTM F2199 Pass Acoustic impact noise reduction ASTM E4179-09 AIIC = 21 dB ASTM E492-09 IIC = 99 dB (6" Concrete Slab w/Drop Ceiling) Ill = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) Static load ASTM F1914 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass (Class 4) Thickness swell NALFA 3.2 Pass (Class 4) Thremal resistance ISO 8302 0.052 m² k/W Adhesive Vinderfloor heating Suitable. Max 85°F Environmental FloorScore* SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD In	Standards	ASTM F3261	Pass: Resilient flooring with Rigid Polymeric Core	
SITUR PESISTANCE STAM PESE STAM PESE STAM PESE STAM PESE SATM PE	Reaction to fire	ASTM E648-06	Class 1	
Staining resistance ASTM F925 Pass (No change) Light fastness ASTM F1515 Pass Electrostatic propensity AATCC 134-1996 -1.4 kV Abrasion resistance ASTM D4060 Pass (20,000 Cycles) Dimensional stability ASTM F2199 Pass Acoustic impact noise reduction ASTM E2179-09 AIIC = 21 dB Lic = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass (Class 4) Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²K/W Adhesive Underfloor heating Suitable. Max 85°F Adhesive FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental ASURE CERTIFIED® Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 Recycling Honder Certified facilities Suitable	Flammability test	FF 1-70; Federal Approval	Pass	
Light fastness	Slip resistance ³	ASTM D2047	Pass (Dry > 0.8)	
Clear to static propensity	Staining resistance	ASTM F925	Pass (No change)	
ASTM D4060	Light fastness	ASTM F1515	Pass	
Dimensional stability ASTM F2199 Acoustic impact noise reduction ASTM E2179-09 ACTM E492-09 IIC = 69 dB (6" Concrete Slab w/Drop Ceiling) IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²k/W Adhesive Underfloor heating Suitable. Max 85°F Adhesive Environmental Floor\$core* SCS-EC10.3-2014 v4.0 Environmental Floor\$core* SCS-EC10.3-2014 v4.0 Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Suitable. Assure Certified Suitable Manufactured in certified facilities	Electrostatic propensity	AATCC 134-1996	-1.4 kV	
Acoustic impact noise reduction ASTM E2179-09 IIC = 69 dB (6" Concrete Slab w/Drop Ceiling) IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 O.052 m²k/W Adhesive Underfloor heating Witable. Max 85°F None; refer to installation instructions Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 Recycling Recycling Waitable. Waitable. Wanufactured in certified facilities	Abrasion resistance	ASTM D4060	Pass (20,000 Cycles)	
ASTM E492-09 IIC = 71 dB (6" Concrete Slab w/Drop Ceiling) IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice) Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²k/W Adhesive Underfloor heating Suitable. Max 85°F None; refer to installation instructions Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling	Dimensional stability	ASTM F2199	Pass	
Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m² K/W Adhesive Underfloor heating Suitable. Max 85°F Adhesive Revironmental Product Declaration Type III EPD Indentation - Residual NASSURE CERTIFIED" Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 Recycling Recycling Suitable. Max B5°F Nanufactured in certified facilities Suitable Slab w/Drop Ceiling + QuietChoice) Pass (Class 4) Pass (Class 4) O.052 m² K/W Suitable. Max 85°F None; refer to installation instructions Certified Certified Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Suitable	Acoustic impact noise reduction	ASTM E2179-09	ΔIIC = 21 dB	
Static load ASTM F970 Pass (650 psi at 0.005") Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 Underfloor heating Suitable. Max 85°F Adhesive Environmental FloorScore® SCS-EC10.3-2014 v4.0 Environmental Environmental Product Declaration NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable		ASTM E492-09	IIC = 69 dB (6" Concrete Slab w/Drop Ceiling)	
Indentation - residual ASTM F1914 Pass Thickness swell NALFA 3.2 Pass (Class 4) Thermal resistance ISO 8302 0.052 m²K/W Adhesive None; refer to installation instructions Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable			IIC = 71 dB (6" Concrete Slab w/Drop Ceiling + QuietChoice)	
Thickness swell Thermal resistance ISO 8302 Underfloor heating Adhesive Environmental Env	Static load	ASTM F970	Pass (650 psi at 0.005")	
Thermal resistance ISO 8302 0.052 m²K/W Underfloor heating Suitable. Max 85°F Adhesive None; refer to installation instructions Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable	Indentation - residual	ASTM F1914	Pass	
Underfloor heating Suitable. Max 85°F Adhesive None; refer to installation instructions Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable	Thickness swell	NALFA 3.2	Pass (Class 4)	
Adhesive Environmental FloorScore® SCS-EC10.3-2014 v4.0 Environmental Product Declaration NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable	Thermal resistance	ISO 8302	0.052 m ² K/W	
Environmental FloorScore® SCS-EC10.3-2014 v4.0 Certified Environmental Product Declaration Type III EPD NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable		Underfloor heating	Suitable. Max 85°F	
Environmental Product Declaration NSF / ANSI 332 Silver certified product ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Suitable	Adhesive		None; refer to installation instructions	
NSF / ANSI 332 ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Recycling Suitable	Environmental	FloorScore® SCS-EC10.3-2014 v4.0	Certified	
ASSURE CERTIFIED™ Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 ISO 14001 / ISO 9001 Manufactured in certified facilities Suitable		Environmental Product Declaration	Type III EPD	
ISO 14001 / ISO 9001 Manufactured in certified facilities Recycling Suitable		NSF / ANSI 332	Silver certified product	
Recycling Suitable		ASSURE CERTIFIED™	Conformance with Rigid Core Flooring Standard SCS-0011 V1-0	
		ISO 14001 / ISO 9001	Manufactured in certified facilities	
Phthalate free CPSC-C1001-09.3 Yes	Recycling		Suitable	
	Phthalate free	CPSC-C1001-09.3	Yes	

¹ 2G[™] is a patented technology invented by Välinge Innovation AB. The 2G[™] word mark and logo are registered trademarks owned by Välinge Innovation AB and any use of such marks is under license.

³ Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors including but not limited to: product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

















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² Subject to terms.



Technical Datasheet

Korlok Reserve



Plank/Tile	Size (in)	Size (mm)	Box qty (ft ²)	Box qty (pieces)
Plank	48.03" x 7.05"	1220.0 x 179.0	23.51	10