



BELCOR

ERT FLOORING

SPECIFICATIONS

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BELCOR ERT

BelCor ERT (Engineered Rigid Technology) is a Stone Polymer Composite (SPC) rigid-core flooring engineered for demanding commercial and hospitality environments. Built with a high-density limestone core, Belcor ERT delivers exceptional dimensional stability, resistance to moisture and temperature fluctuations, and long-term durability under heavy foot traffic. Combines the elegance of natural textures with cutting edge engineering. Completely waterproof, BelCor resists cupping and peeling, making it suitable for laundry rooms, bathrooms, basements, kitchens, and other moisture-prone areas. Installed using a floating interlocking system, BelCor’s rigid core vinyl flooring offers long-lasting performance with minimal maintenance.



CERTIFICATIONS



BelCor ERT Flooring uses a glueless click and lock system which is the industry favorite due to its superior production efficiency and technical performance. This system ensures that there are no height differences between planks and joints are seamless. It is renowned for its strong locking performance due to its use of pre-tension. This feature ensures that the flexible lower lip of the profile remains slightly stressed after locking, pulling the planks closer together and eliminating gaps.



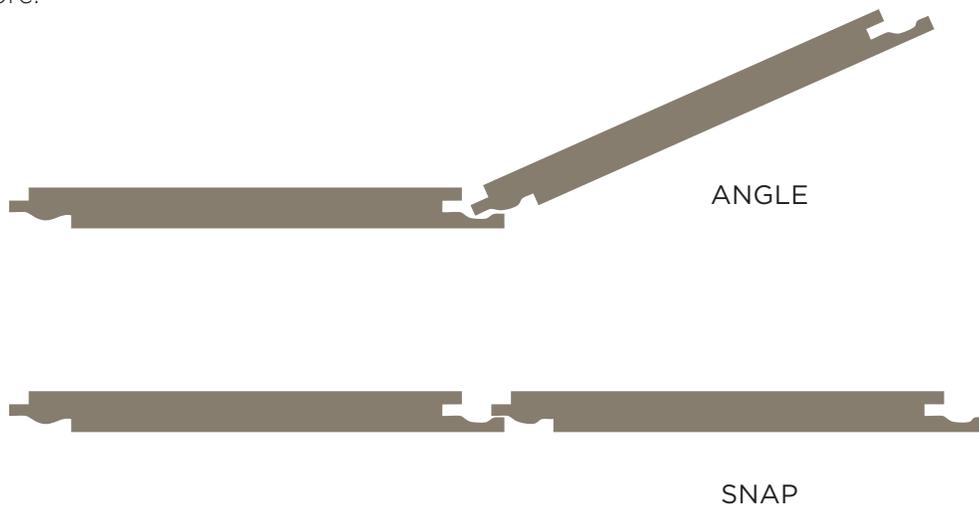
BelCor's Click & Lock System



TWO SIMPLE INSTALLATION METHODS

BelCor can be installed using two fast and simple methods. The first is by using an angular rotation movement. The second method is to install it horizontally by snapping the planks into each other. (See diagram below)

Once installed, BelCor's click and lock system ensures a very tight locking and seamless joint to prevent moisture going into the core.



Technical Information

CHARACTERISTICS	STANDARDS	MINIMUM REQUIREMENTS	RESULT
Floorscore Certification	SCS-EC10.3-2014v3.0	Refer to Standards	Pass
CE Certification	EN14041	Refer to Standards	Pass
Fire Resistance	EN 9239-1 EN ISO11925-2 EN 13501-1	Critical Flux>8.0kw/m Fs<150mm within 20s Smoke<750% minutes	Bf1-s1
Slip Resistance	ASTM D2047	0.6	0.71 (WET)
Phthalate Tests (DBP/BBP/DEHP/DINP/ DNOP/DIDP)	EN14372:2004	N/A	Free
Dimension Stability	ASTM F2199-09(R2014)	<0.25%	MD: -0.046% TD: -0.009%
Seam Strength	EN 684:1995	N/A	Ave: 360N/50mm Min: 330N/50mm Pass
Residual Indentation (%)	ASTM F1700-13a & ASTM F1914-07(2011)	Average value <8 Individual value <10	0.4 Pass
Resistance to Chemicals	ASTM F1700-13a & ASTM F925-13	No more than a slight change in surface dulling, surface attack, or staining	No change in surface dulling, surface attack, or staining was detected
Heat Stability	ASTM F1514-03(R2013)	ΔE^* ab<8	ΔE^* ab<8 Pass
Recovery Under Static Load	ASTM F970-17	N/A	0.04mm Pass
Large Ball Impact Resistance	NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at the height of 2500mm
Static Electrical Propensity	EN 1815:2016 method A	$\leq 2kV$	0.2kV
Impact Insulation Class with 1.5mm Padding	ASTM E492-09(2016) ASTM E989-12	N/A	I IC=65
Sound Transmission Class with 1.5mm Padding	ASTM E90-2009(R2016) ASTM E413-10	N/A	STC=62
Formaldehyde	ISO17226-1:2008	N/A	Free
Peel Resistance	EN ISO 24345:2012	>54N/50mm	Longitudinal direction: 95N/50mm Cross direction: 95N/50mm
Castor Chair Test	ASTM D4060	N/A	Pass 25000 cycles
Thermal Conductivity	EN 12667:2001	N/A	0.154 W/(m.k)
Thermal Resistance	EN 12667:2001	N/A	0.033 (m ₂ .k)/w

Classification

CORE THICKNESS	5 - 6 mm
WEAR LAYER	0.5 (20 mil)
SURFACE FINISH	Registered Embossing
BEVEL	Micro / Painted

Why BelCor?

OUTSTANDING FEATURES:

- 100% waterproof
- No formaldehyde
- No expand or contract
- High slip resistant
- Easy installation
- Up to 25 years of use depending on level of constant traffic
- Flame resistant
- High sound resistant
- Super wear resistant
- High impact resistant

VERSATILITY:

- Bedroom
- Dining Room
- Hallway
- Living Room
- Office
- Restaurant
- Store
- Supermarket
- Public Space
- Airport
- Building

WEAR LAYER THICKNESS:

- 20 mil
- Commercial/Hospitality Standard



BRIDGES COLLECTION

SIZE	60" x 9 1/16" x 5mm w/ 1.5mm IXPE pad attached
WEAR LAYER	20m
THICKNESS	6.5mm
EDGE STYLE	Painted beveled



CHAPEL
P-721



NEW GREAT BELT
P-728N

GOLDEN GATE P-726





BROOKLYN
P-723



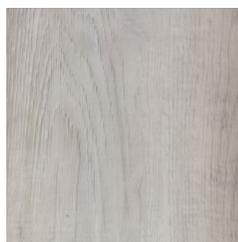
NEW SYDNEY HARBOUR
P-724N



SEGOVIA
P-722N



ARCH
P-729N



GOLDEN GATE
P-726



HELIX P-730



HELIX
P-730



NEW ROYAL GORGE
P-725N

SIZE	60" x 9 1/16" x 6mm w/ 2mm IXPE pad attached
WEAR LAYER	20m
THICKNESS	8mm
EDGE STYLE	Painted beveled



ALEXANDRIA
R-803



VATICAN
R-804



PANTHEON R-807

EMPIRE COLLECTION



TREVI
R-806



PANTHEON
R-807



NEW SISTINE
R-810N



HERA
R-808



VITTORIO
R-809



ALEXANDRIA R-803

TRAILS COLLECTION



NEW ECHO MOUNTAIN N-935N



NEW RUSTIC CANYON
N-934N



NEW ECHO MOUNTAIN
N-935N



RUNYON CANYON
N-940



MOUNT WHITNEY
N-944



LEWIS AND CLARK
N-943

AVAILABLE FOR SPECIAL ORDER IN BRIDGES OR EMPIRE SPECIFICATIONS

	BRIDGES	EMPIRE
SIZE	60" x 9 1/16" x 5mm w/ 1.5mm IXPE pad attached	60" x 9 1/16" x 6mm w/ 2mm IXPE pad attached
WEAR LAYER	20m	20m
THICKNESS	6.5mm	8mm
EDGE STYLE	Painted beveled	Painted beveled



ESCONDIDO FALLS
N-945



MURPHY RANCH
N-938



NEW PACIFIC CREST
N-931N



CATHEDRAL N-942



JENNY LAKE
N-937



ZION PARK
N-936



CATHEDRAL
N-942



BRYCE CANYON
N-933



DEL MAR
RCF-473



BELMONT
RCF-478X



ELLIS
RCF-468X

Belstone

www.belstoneproducts.com