

TECNICAL FACTS

MANUFACTURER	AB Berg & Berg, Flyttblocksvägen 2, 37252 Kallinge, Sweden		
PRODUCT	3-layer engineered wood floor, natural oiled or UV-acrylic finished ready for use.		
CONSTRUCTION			
Surface:	Sawn wear layer with min 3.6 mm thickness.		
Core:	Strips of dense softwood with vertical annular rings from north Sweden, connection at the ends made from hardwood or 5-layer plywood		
Back:	2 mm softwood veneer from Sweden		
DECLARATION	Spruce, Pine (Sweden), Beech, Silver Maple, Red Oak, White Oak, Ash (Northern Europe), American Cherry, Canadian Maple, Walnut (North America), glue (Skandinavia), vegetable oil (Denmark) or UV acrylic finish (sweden), filler.		
SURFACE PATTERN	L	Wear layer elements 250 to 550 mm length. approx. 66 mm width.	
	XL	Wear layer elements 400 to 1200 mm length. approx. 99 mm width.	
	XXL	Wear layer 1 piece of wood, approx. 195 mm wide.	
DIMENSIONS	Design:	L + XL	XXL
	Lengths:	2.390 mm	2.390* mm
	Width:	198 mm	195 mm
	Thickness:	14 mm	14 mm
	* XXL may contain lengths of f.e. 800/1200/1600 mm		
	1 Board =	0,473 m ²	0,467 m ²
	1 Package = 6 Boards =	2,84 m ²	2,8 m ²
	1 Pallet = 40 Packages =	113,6 m ²	112,0 m ²
PRECISION MATCH	Accurate all round Svedloc [®] -connection (milled with diamond tools). Vertical deviation max. 0.2 mm above the edge of the adjacent board (according EN 13489).		

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PHYSICAL PROPERTIES

Weight:	ca. 8 kg/m ² (depending on specie)	
Moisture content:	7% ± 1% based on absolute dry weight (EN 13489)	
Heat conductivity:	0.15 W/mK	
Heat resistance:	0.10 m ² K/W	
Sound insulation:	19 – 20 dB using a conventional noise insulation e.g. foam of 2 mm thickness. The value refers to noise travelling downwards.	
Hardness (Brinell 10mm):	American Cherry.....	3,3
	Silver Maple.....	3,7
	Can. Maple	4,8
	Jatoba.....	7
	Walnut.....	3,4
	Ash.....	4,2
	Beech.....	3,8
	White Oak.....	3,8
	Red Oak.....	4,0
	Pine.....	1,9

BONDING

All 3 layers are bonded with quality DYNEA-adhesive which is one of the reasons for our good quality.



BONA

5 coats solvent-free UV acrylic finish that

**HIGH ENDURANCE
UV ACRYLIC FINISH**

does not emit formaldehyde when cured (emission-class = E0).



Bona's High Endurance finish is totally recoatable. Lifetime Support is provided by Bona.

Reflection	abt. 30 ± 5 at 60° angle	
Reflection matt	abt. 10 ± 2 at 60° angle	
Light resistance:	(24 hours UV-Light, values 1 – 5; 5 = no influence = best)	
	American Cherry.....	1
	Silver Maple.....	3
	Can. Maple	3
	Jatoba.....	3
	Walnut.....	3
	Ash.....	4
	Beech.....	4
	White Oak.....	4
	Red Oak.....	4
	Pine.....	1
Chemical resistance:	Commonly used chemicals except Ammonium hydroxide. (Values 1 – 5; 5 = no effect, best)	
	Destilled Water.....	5
	Red wine	5
	Coffee.....	5
	Acetone.....	5
	Olive oil	5
Ethanol.....	5	
Milk	5	
Tea.....	5	
commonly used detergents	5	
Scratch resistance:	(Stridsman-test) class SC3 (classes SCO - SC3, SC3 is the best)	
Abrasion resistance:	Taber-Abraser-test class 6 according SIS => SIS 92 35 09 (classes 1-8, 8 is the best)	
Slip rating:	Leather	absolutely safe (R9 comparable)
	Rubber and plastic	safe (R9 comparable)

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OILED SURFACE	High Solid natural oil, oxygen cured, natural or white pigmented. Product based on oil components of plant origin, permeable. All coatings air-dried and surface polished. Maintenance and cleaning according to separate maintenance instruction.
NATUREPLUS	Berg & Berg engineered flooring oiled with surfaces in Beech, European Oak, Red Oak, Silver Maple, Ash, Canadian Maple, American Cherry and Smoked Oak is certified by natureplus – certificate number 0209-0311-018-1
ZERTIFICATION DIBT	Emmission tested construction product according to DIBT principals DIBT number Z-156.607-877. supervised by Eco-Institut Cologne.
FSC	Berg & Berg supplies FSC mixed sources under FSC C030473 FSC Trademark © 1996 Forest Stewardship Council A.C.
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