

## TECNICAL FACTS

<b>MANUFACTURER</b>	AB Berg & Berg, Flyttblocksvägen 2, 37252 Kallinge, Sweden		
<b>PRODUCT</b>	3-layer engineered wood floor, natural oiled or UV-acrylic finished ready for use.		
<b>CONSTRUCTION</b>			
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		
<b>DECLARATION</b>	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.		
<b>SURFACE PATTERN</b>	<b>L</b>	Wear layer elements 250 to 550 mm length. approx. 66 mm width.	
	<b>XL</b>	Wear layer elements 400 to 1200 mm length. approx. 99 mm width.	
	<b>XXL</b>	Wear layer 1 piece of wood, approx. 195 mm wide.	
<b>DIMENSIONS</b>	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 <sup>2</sup>	0,467 m <sup>2</sup>
	1 Package = 6 Boards =	2,84 m <sup>2</sup>	2,8 m <sup>2</sup>
	1 Pallet = 40 Packages =	113,6 m <sup>2</sup>	112,0 m <sup>2</sup>
<b>PRECISION MATCH</b>	Accurate all round Svedloc <sup>®</sup> -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 <sup>2</sup> (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 <sup>2</sup> 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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<b>OILED SURFACE</b>	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.
<b>NATUREPLUS</b>	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
<b>ZERTIFICATION DIBT</b>	Emmission tested construction product according to DIBT principals DIBT number Z-156.607-877. supervised by Eco-Institut Cologne.
<b>FSC</b>	Berg & Berg supplies FSC mixed sources under FSC C030473 FSC Trademark © 1996 Forest Stewardship Council A.C.
<b>ISSUE</b>	October 2014

