

# Bona Sanding Sequences for Wood Floors

Method	Description	Best suited for		Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Method #1: Speed	Prioritizes time and efficiency	Low gloss finishes, gloss level matt or lower.	<b>Process:</b>	Coarse sanding	Medium Sanding	Fine Sanding			
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	Quattro Disc			
			<b>Extra weights:</b>	Optional	Optional	No			
			<b>Abrasive:</b>	8700	8300 or 8600	Net Ceramic			
			<b>Grit size:</b>	50 <sup>1</sup>	80	100			
Method #2: Standard	The standard protocol for a premium finish.	All types of finishes and gloss levels. Also unpigmented oil or hardwax oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Medium Sanding	Fine Sanding		
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	Quattro Disc		
			<b>Extra weights:</b>	Optional	Optional	No	No		
			<b>Abrasive:</b>	8700	8300 or 8600	8300 or 8600	Net Ceramic/Alox		
			<b>Grit size:</b>	50 <sup>1</sup>	60	100	120		
Method #3: Colour	Protocol for an extra fine finish.	High gloss finishes, pigmented oil and hardwax oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Medium Sanding	Medium Sanding	Fine Sanding	
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	Quattro Disc	
			<b>Extra weights:</b>	Optional	Optional	No	No	No	
			<b>Abrasive:</b>	8700	8300 or 8600	8300 or 8600	Net Ceramic	Diamond Abrasives	
			<b>Grit size:</b>	50 <sup>1</sup>	60	80	100	120	
Method #4: Sanding + Wire brushing	Protocol for heavy brushing on site.	Wide grained and rough pored hardwoods such as oak and ash. Can be done with all treatments including pigmented oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Medium Sanding	Coarse Brushing	Fine Brushing	Fine Sanding
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect	PowerDrive Connect	Pad Driver
			<b>Extra weights:</b>	Optional	Optional	No	Optional	No	No
			<b>Abrasive:</b>	8700	8300 or 8600	8300 or 8600	Connect Metal Brush	Connect Nylon Brush	Bona Scrad Pad
			<b>Grit size:</b>	50 <sup>1</sup>	60	80	Water wood	Dry brush	-
Method #5: Sanding + Wire brushing	Protocol for heavy brushing on site.	Northern pine, douglas pine and similar softwood species. Can be done with all treatments including pigmented oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Brushing	Fine Sanding		
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect	Pad Driver		
			<b>Extra weights:</b>	Optional	Optional	No	No		
			<b>Abrasive:</b>	8700	Net Ceramic	Connect Nylon Brush	Bona Scrad Pad		
			<b>Grit size:</b>	50 <sup>1</sup>	80	Dry brush	-		
Method #6: Sanding - Fibre Pad brushing	Protocol for gentle brushing on site. The Fibre Pad is available in three different sizes, 150, 180 & 407 mm. Brushing can be made with any size.	All wide grain wood species as well as softwoods. Use with transparent finishes or oils.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Medium Sanding	Brushing	Brushing	Fine Sanding
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	Pad Driver	PowerDrive Connect (or std. PowerDrive)	Pad Driver
			<b>Extra weights:</b>	Optional	Optional	No	No	No	No
			<b>Abrasive:</b>	8700	8300 or 8600	8300 or 8600	Bona Fiber Pad 407 mm	Bona Fiber Pad 150 mm	Bona Scrad Pad
			<b>Grit size:</b>	50 <sup>1</sup>	60	80	Dry brush	Dry brush	-
Method #7: Sanding - plates	Aggressive sanding for breaking very hard and ceramic reinforced finishes.	Very hard finishes, ceramic reinforced finishes.	<b>Process:</b>	Coarse Sanding	Coarse Sanding	Medium Sanding			
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)				
			<b>Extra weights:</b>	No	Optional				
			<b>Abrasive:</b>	Diamond Sanding Plate	8700				
			<b>Grit size:</b>	50 <sup>2</sup>	50				
Method #8: Sanding - plates	Aggressive sanding for correcting highly uneven wood floors as well as end-grain floors. Remedy by sanding in several stages afterwards with increasingly fine grits.	Heavily undulated wood floors.	<b>Process:</b>	Coarse Sanding	Coarse Sanding	Coarse Sanding	Medium Sanding		
			<b>Disc type:</b>	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)	PowerDrive Connect (or std. PowerDrive)			
			<b>Extra weights:</b>	No	Optional	Optional			
			<b>Abrasive:</b>	Diamond Sanding Plate	8700	8700			
			<b>Grit size:</b>	30	36	50			

These are parallel processes. Either/or.

## Edge sanding

Method	Description	Best suited for		Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Edge Sanding #1; Speed	Quick and easy edge sanding.	Low gloss finishes. Gloss level Matt or lower.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Sanding			
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Orbital			
			<b>Abrasive:</b>	8700	8300 or 8600	Net Ceramic			
			<b>Grit size:</b>	50	80	100			
Edge Sanding #2; Standard	The standard protocol for a premium finish.	All types of floor finishes and gloss levels. Also unpigmented oil or hardwax oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Sanding			
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Orbital			
			<b>Abrasive:</b>	8300 or 8600	8300 or 8600	Net Ceramic			
			<b>Grit size:</b>	60	100	120			
Edge Sanding #3; Colour	Protocol for an extra fine finish.	High gloss finishes. Pigmented oil or hardwax oil.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Sanding	Fine Sanding		
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Orbital	Bona Orbital		
			<b>Abrasive:</b>	8300 or 8600	8300 or 8600	Net Ceramic	Diamond Abrasives		
			<b>Grit size:</b>	60	80	100	80		
Edge Brushing #4; Wire brushing Hardwood	Protocol for heavy brushing on site.	Wide grained and rough pored hardwoods such as oak and ash.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Brushing	Fine Brushing		
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Supraflex	Bona Supraflex		
			<b>Abrasive:</b>	8700	Net Ceramic	Cup Brush Metal	Cup Brush Nylon		
			<b>Grit size:</b>	50	80	-	-		
Edge Brushing #5; Wire brushing Softwood	Protocol for heavy brushing on site.	Northern pine, douglas pine and similar softwood species	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Brushing			
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Orbital			
			<b>Abrasive:</b>	8700	Net Ceramic	Bona Fiber Pad			
			<b>Grit size:</b>	50	80	-			
Edge Brushing #6; Sanding + Fibre Pad brushing	Protocol for gentle brushing on site.	All wide grain wood species as well as softwoods.	<b>Process:</b>	Coarse Sanding	Medium Sanding	Fine Brushing			
			<b>Machine:</b>	Bona Edge Sander	Bona Edge Sander	Bona Orbital			
			<b>Abrasive:</b>	8700	Net Ceramic	Bona Fiber Pad			
			<b>Grit size:</b>	50	80	-			

<sup>1</sup>on highly uneven floors it may be required to start with grit 36. Then continue with grit 50.

<sup>2</sup>Finer (G70) sanding plates may be more suitable/enough effective, but grit 50 is usually a good starting point. Evaluate the effectiveness and adjust accordingly.

All suggested sanding protocols should be viewed as examples. Depending on the characteristics of the surface and individual expectations, it may be necessary to use more aggressive or finer abrasives. Evaluate the result and the level of efficiency as you go and adjust as needed.

# Intermediate sanding after coating

When making the intermediate sanding, make sure to move the sanding machine swiftly. The goal is to cut off raised wood fibers and smooth the surface, not to remove the protective coating from the floor. The intermediate sanding can be done after the first or second application of primer/lacquer to the floor.

	Step 1	Step 2	Step 3	Step 4
<b>Process:</b>	Intermediate sanding	Intermediate sanding	Intermediate sanding	Intermediate sanding
<b>Disc type:</b>	Quattro Disc	Quattro Disc	Pad Driver	Pad Driver
<b>Extra weights:</b>	No	No	No	No
<b>Intermediate:</b>	Use Intermediate Pad	Use Intermediate Pad	Bona Pad (soft)	Bona Pad (soft)
<b>Abrasive:</b>	Bona NET Ceramic	Bona Diamond Abrasives	Bona Scrad Pad + Scrad Wing	Bona Scrad Pad
<b>Grit size:</b>	320	120	320 +150	320
<b>Comment:</b>	Suitable for most situations and all finishes. Cuts fibers effectively while producing a very smooth finish.	Suitable for most situations and all finishes. Specially suitable when working on overcoated oil.	Suitable for most situations and all finishes. For an even finer cut, move up to grit 220 Scrad Wings.	Rounds off fibers more than cuts them. Suitable when making an intermediate sanding on brushed wood flooring.