

Sanding Recommendation - Application of Natural Waterborne Sealer - Finish

Ceramic Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	Spider	50 or 60 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	400 RPM	Initial Rough Sanding, removal of existing finish, flattening of floor
Second Pass	Spider	80 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	320 RPM	Removal of first sanding sequence scratches, removal of existing finish in soft grain
Third Pass (Option A)	Spider	100 or 120 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Zirconia Alumina Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	Spider	50 or 60 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	400 RPM	Initial Rough Sanding, removal of existing finish, flattening of floor
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Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Silicon Carbide Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for rough sanding
Second Pass	Spider	80 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	320 RPM	Removal of first sanding sequence scratches, removal of existing finish in soft grain
Third Pass (Option A)	Spider	100 or 120 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

These recommendations are only guidelines. Wood floor condition, species, and finish choice will determine final sanding techniques. The final determination is still dependent on the wood flooring professional.

Sanding Recommendation - Application of Natural Oil or Stained Wood Floor

Ceramic Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	Spider	50 or 60 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	400 RPM	Initial Rough Sanding, removal of existing finish, flattening of floor
Second Pass	Spider	80 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	320 RPM	Removal of first sanding sequence scratches, removal of existing finish in soft grain
Third Pass (Option A)	Spider	100 or 120 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Zirconia Alumina Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	Spider	50 or 60 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	400 RPM	Initial Rough Sanding, removal of existing finish, flattening of floor
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Third Pass (Option A)	Spider	100 or 120 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Silicon Carbide Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for rough sanding
Second Pass	Spider	80 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	320 RPM	Removal of first sanding sequence scratches, removal of existing finish in soft grain
Third Pass (Option A)	Spider	100 or 120 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

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Sanding Recommendation Refinish of a Wood Floor

Application of Waterborne Sealer - Finish

Ceramic Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	Spider	40 or 50 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	400 RPM	Initial Rough Sanding, removal of existing finish, flattening of floor
Second Pass	Spider	60 or 80 grit	Triple Disc	Satellite Pad / Support Disc	1 Weight	320 RPM	Removal of first sanding sequence scratches, removal of existing finish in soft grain
Third Pass (Option A)	Spider	100 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Zirconia Alumina Sandpaper

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Third Pass (Option B)	Spider	100 or 120 grit	Single Disc	Drive Pad	No Weight	160 RPM	Removal of second sanding sequence scratches

Silicon Carbide Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for rough sanding
Second Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for second sanding sequence
Third Pass (Option A)	Spider	100 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
Third Pass (Option B)	Spider	100 -120 grit	Single Disc	Drive Plate	No Weight	160 RPM	Removal of second sanding sequence scratches

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Sanding Recommendation - Refinish of a Wood Floor

Application of Natural Oil - Stained Wood Floor

Ceramic Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
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Silicon Carbide Sandpaper

Sanding Cut	Machine	Abrasive	Plate	Support Structure	Weight	Rotation Speed	Purpose
First Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for rough sanding
Second Pass	N/A	N/A	N/A	N/A	N/A	N/A	Not recommended sandpaper mineral for second sanding sequence
Third Pass (Option A)	Spider	100 grit	Triple Disc	Satellite Pad / Support Disc	No Weight or 1 Weight	160 RPM	Removal of second sanding sequence scratches
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