



**Clear Wood Grain Filler**

**Technical Data Sheet**

**PRODUCT DESCRIPTION:** Aqua Coat Clear Wood Grain Filler is an easy to sand, clear gel wood grain filler for hard to fill pores and grains in woods. This product is easy to apply, levels the surface, and dries crystal clear and transparent while helping attain a glass smooth finish. This Grain Filler will help minimize the further penetration of sealers and topcoats. It is excellent at showcasing the natural color and character of the wood but can also be tinted easily if desired. This product can be used on wooden instruments, cabinets, tabletops, desktops, keepsake boxes, antique restoration and more.

**FEATURES:** Available container sizes: **Pint, Quart, Gallon, 5 Gallon Pail**  
 Easy to use Gel                      Non Yellowing                      Easy Sanding                      Water Based  
 Good build                              Low Odor                              Exceptional Clarity                      Can stain before or after application

PRODUCT DATA:			
<b>Sheen</b>	N/A	<b>Weight Solids*</b>	21.5-23
<b>Weight Per Gallon*</b>	8.5 (+/-) 0.2	<b>Volume Solids*</b>	17.5-20.5
<b>Viscosity as supplied</b>	Viscous Gel	<b>VOC*</b>	<210 g/l
<b>Coverage</b>	Approx. 450 sq. ft. per gal	<b>VOC Content*</b>	<1.80 lbs/gal
<b>Shelf Life</b>	>18 months in a properly sealed container at 60-80F	<b>Storage</b>	60-85F Passes 2 Freeze Thaw Cycles

MIXING/APPLICATION:	
<b>Working Temp:</b>	65-85 degrees F
<b>Pot Life/Catalyst:</b>	N/A
<b>Mixing:</b>	Ready to Use
<b>Reducer:</b>	If needed, water. Up to 5%
<b>Surface Preparation:</b>	Wood must be clean, dry and finish sanded. Substrates should be free of grease, oil, dirt, fingerprints and any contamination to ensure optimum adhesion and coating performance properties. Remove all dust with vacuum, forced air, or damp cloth/water [no tac cloth] .On bare wood sand with the grain using #120 grit and finish with #220 grit.
<b>General Application:</b>	Aqua Coat Clear Grain Filler can be applied on raw wood or after the wood is stained. Stain may be applied before or after using Grain Filler. If using solvent-based stain, allow 48-72 hours of dry time before applying Grain Filler. If using water-based stain, a seal coat of dewax shellac is recommended before the Grain Filler is applied. Stain and seal coat must be dry and lightly sanded with a #320-grit sandpaper immediately before first coat of Grain Filler for adhesion purposes. Grain filler can be tinted with water soluble tints or dyes. Apply Grain Filler in small sections in thin coats with a flexible putty knife, credit card or rag. Ensure grain is filled then quickly scrape WITH THE GRAIN to remove excess. Let dry 60 minutes in ideal conditions. If grain is not filled repeat the application process; 2 coats recommended. Lightly sand with a 320 grit or finer immediately before next coat of Grain Filler or top coat for adhesion purposes. Allow overnight dry time before final coats of finish are applied.
<b>Drying times:</b>	Aqua Coat Grain Filler-60 minutes to touch, time to sand and recoat 1-2 hours, 70 F and 50% RH. (Cooler temperatures will prolong dry time up to 4-6 hours.)
<b>Tinting</b>	Trans Tints/Dyes {Water Soluble}
<b>Clean up:</b>	Use warm, soapy water or Aqua Coat Equipment Cleaner
<b>Recommended Sealer</b>	Aqua Coat X-119 Sanding Sealer or wax free shellac
<b>Recommended Stain:</b>	Aqua Tone Stains

**CAUTIONS:** The technical data noted herein is accurate as of the date of publication and is subject to change without prior notice. Aqua Coat assumes no responsibility for coverage, performance or injuries resulting from use. Liability if any is limited to replacement of products. This product is intended for Industrial use only. Refer to the SDS for safety and any cautions prior to use. We recommend a test sample to insure adequate adhesion to substrate, proper curing conditions and desired performance. Optimal results depend on a number of factors: nature of the substrate, the technical and physical possibilities, as well as the user's application technique.