



Technical Data Sheet

Stain Blocker

Product Features

Stain Blocker is a water-based primer specially formulated to stop extreme tannins and stains from bleeding through paint and causing discoloration. For DIY customers or professionals painting a surface any shade of white or light gray, look no further than Stain Blocker.

Application Conditions: Recommended 70°F and 50% humidity, out of direct sunlight. Variations in conditions and application technique can significantly affect dry times and coverage. Use GF Accelerator in cool or humid conditions. Use GF Extender in warm or dry conditions.

Surface Prep: Always ensure the surface is clean of contaminants and dust. Sanding any surface too smoothly can reduce adhesion and create application issues like orange peel.

Raw Wood: Sand with no finer than 220 grit.

Pre-finished Wood: Clean using 50/50 mix of denatured alcohol and water with maroon non-woven pad. Sand with fine (220-320) foam sanding pad or maroon non-woven pad.

Other Substrates: Always test first.

Sanding Between Coats: Using fine (220-320) foam sanding pad or gray non-woven pad.

System Recommendations: Topcoat with GF White Poly or Brushable White Enamel. For any surface with potential for tannin/color bleed, prime with GF Stain Blocker.

Force Dry: Allow product to flash for 10 minutes at ambient temperature. Using infrared lamps or oven, heat surface to 105°F. Allow to cool before sanding. Allow a minimum of 30 minutes between coats.

Storage & Shelf Life: Above 50°F and below 80°F, out of direct sunlight, tightly sealed. Heavy settling and separation in the can may occur over time and is normal. Mix thoroughly before use. Finish preservers such as Bloxygen can help prolong storage life. Best if used within one year of date on can. Unopened and properly stored finish can conservatively last up to 5 years.

Disposal: Always dispose of any leftover coatings in accordance with local laws. Do not pour down the drain.

The information and recommendations on this sheet are based upon information gathered at the time of publication and do not act as a safety data sheet. For complete safety and product data, consult the product labels and visit www.generalfinishes.com for complete SDS sheets.

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Recommended Uses

Any interior project that will be painted with a light color where tannin or stain bleed is a concern. Woods such as oak, mahogany, poplar, and pine.

Complies w/ the following air quality regulations:

SCAQMD, CARB, Canada, OTC Phase I & Phase II

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| Product Type: | Water-based epoxy primer |
| Sheens Available: | N/A |
| Tintable?: | No |
| Volume Solids: | 43.5% |
| Weight Solids: | 35% |
| Rec. Film Thickness: | Wet: 3-5 mils Total Dry (multiple coats): up to 2.5 mils |
| Coverage: | Up to 600 sq. ft. per gallon |
| Viscosity: | Thick (1500-2000 cPs) |
| Application: | Brush, roll, or spray |
| Brush: | Synthetic bristle brush |
| Roll: | Short nap or foam roller |
| HVLP: | 1.8 mm—2.0 mm |
| Air-Assist Airless: | 1400 PSI pump, 20 PSI assist air, .013" tip |
| Airless: | Fine Finish .015"-.025" tip |
| Dry Time (touch): | 1+ hour |
| Dry Time (recoat): | 2+ hours |
| Cure Time: | 21 days @ 70°F, 50% humidity |
| Thin With: | Water, GF Extender, GF Accelerator |
| Clean Hands w/: | Soap & Water |
| Clean Equipment w/: | GF Brush & Gun Cleaner |
| Sizes Available: | Quarts, Gallons |
| VOC: | 33 g/L |