



## General Finishes Stain Blocker Technical Information

### PRODUCT DESCRIPTION

**General Finishes Stain Blocker** is our strongest primer for light colored paints and acts as a chemical barrier that adheres well to prepped interior raw wood and previous existing finishes. Two coats are required. The first coat will absorb bleed-through which can cause a slight color change to gray, and the second coat will seal the bleed-through.

#### Stain Blocker Application Steps

1. Stir paint to reincorporate solids that have settled to the bottom of the can before and throughout the application process.
2. Do not thin.
3. Apply 2 coats of Stain Blocker.
  - **Hand application:** Apply using an acrylic bristle brush, foam brush, paint pad applicator or roller
  - **Spray application:** Before spraying, strain paint through a medium-mesh filter. HVLP: 1.8mm-2.0mm spray tip, medium air cap. Verify tip sizes with your equipment supplier. [See our general guide for spray tip sizes.](#) Keep your gun at a 90° angle, 6-8" from the surface. On large, flat areas, use wet, even patterns 6-8" wide. For narrow surfaces, reduce the fan pattern to 2-3" wide to reduce overspray. Overlap each pass 25% to conceal lines. Wear a full filter respirator (NIOSH/MSHA approved) and work in a ventilated space. [Visit this FAQ for more information on spraying techniques.](#)
  - **Face frames on cabinets:** Stain Blocker can be applied successfully to cabinet face frames, edges or drawers with a brush, pad or small cabinet-specific roller such as Whizz or AllPro brand.
4. **Dry 2+ hours** between coats and before topcoat in ideal conditions: 70°F/20°C; 50-70% humidity. **Be sure to allow adequate dry time.** You can tell if a water-based finish is dry if it forms a powder when lightly sanded with a fine-grade (220-320) foam sanding pad or 400-grit sandpaper. If in doubt, wait longer. Rushing dry time can cause clouding/blush in topcoat due to moisture trapped between coats. **Increase dry time if:**
  - Humidity is over 80%
  - Thick coats are applied
  - Applying over a previously existing finish
  - Applying over products from other brands
  - Layering General Finishes water- and oil-based products:
    - Water over oil: Let oil-based products dry 72+hrs before applying water-based products
    - Oil over water: Let water-based products dry 24+hrs before applying oil-based products

5. Finish sand between coats with a fine-grade (220-320) foam sanding pad or 400-grit sandpaper to improve smoothness and adhesion.
6. Remove dust with a vacuum, oil-free tack cloth or clean, water-dampened rag before re-coating.
7. Apply 2-3 coats of paint and then seal with 3 coats of topcoat.

#### Cure Time

Water-based finishes cure and harden for full use after 21 days in ideal conditions. Avoid placing heavy objects on surfaces that have not completely cured. Treat gently, and do not clean with commercial products during the curing period.

#### What else you need to know:

- DO NOT tint Stain Blocker or mix with any paint, stain or topcoat. Contamination from other finishes will cause product failure.
- Interior use only under pigmented finishes.
- Stain Blocker does not adhere to melamine.

Basic Features	
Product Colors	White
Base Type	Water
Interior or Exterior	Interior only
Type	Stain Blocking Primer
Application	
Coats	2 coats
Application Method	Brush, Roll, Spray
Brushable	Yes
Usable over existing finishes	Yes
Sprayable	Yes
Spray Tip Sizes	HVLP 1.8mm-2.0mm
Dry Time	
Dry Time - Touch	1+ hr
Dry Time - Recoat	2+ hr
Contents	
Can Sizes	Quarts, Gallons
Coverage	110-125 sq. ft./quart, 450-500 sq. ft./gal
Technical Data	
Viscosity	Thick
Viscosity (cPs)	1500-2000
Weight Solids	35%
VOC	<35 g/L

**See Safety Data Sheet and Labels for additional safety information and handling instructions**

The technical data furnished are true and accurate to the best of our knowledge at the date of issuance. It is subject to change without prior notice. It is suggested the user verify with Sumter Coatings, Inc. prior to specifying or ordering. Test results are believed to be reliable; however, no guarantee of accuracy is given or implied. We guarantee all products to conform to Sumter Coatings, Inc.'s quality control standards. Liability, if any, is limited to replacement of product. No other warranty or guarantee of any kind, expressed or implied, is made by Sumter Coatings, Inc., including fitness for a particular purpose.