

## BLACK GROUND COAT

### PRODUCT CODE:

1A4 Black Ground Coat

### PHYSICAL PROPERTIES:

Viscosity: 2200 – 2500 cps  
Flash Point: 5°C  
Weight Solids: 40%  
Density: 1.07 g/ml  
Sheen: 1 – 3 (60°)  
Shelf Life: 2yrs unopened

### PRODUCT DESCRIPTION AND USES:

Schwartz 1A4 is a fast-dry, heavy-bodied nitrocellulose-based pigmented lacquer **primer** for interior wood surfaces and metal. It has an excellent adhesion and holdout even on very porous wood. 1A4 sands very well providing an excellent base to achieve a smooth finish. Use with Schwartz 1A line of Black Lacquer Topcoats.

### PRODUCT ADVANTAGES:

1. Fast-drying
2. Excellent adhesion and grain-filling
3. Outstanding holdout
4. Easy to sand

### ENVIRONMENTAL INFORMATION:

VOC: max 642 g/L (as supplied)

### APPLICATION DATA:

Suggested Uses: Used to prime wood surfaces for furniture and millwork applications, and decorative metal surfaces

Mixing Instructions: Stir product before use. 1A4 must be reduced with 30% 4T100 Lacquer Thinner before spraying based on desired spray viscosity

Pot Life: NA

Recommended System: Use with Schwartz 1A line of Nitrocellulose-based black lacquers topcoats

Application Tools: Apply using conventional, airless, air-assisted airless and HVLP sprayer/atomizer

Coverage: 450 - 520 ft<sup>2</sup>/gal (1 mil dry film)

Reducer: 4T100 Lacquer Thinner

Retarder: 4T175 Retarder

Clean-up Solvent: 4T100 Lacquer Thinner

## DIRECTIONS FOR USE:

**Surface Preparation:** Surfaces must be clean, dry and contaminant-free. Sand wood with 150-grit sandpaper before coating. Remove all dust. When primer/sealer or topcoat is sanded, always apply succeeding coat within 8 hours of sanding. Sand between coats with 280-320 grit sandpaper. When used on metal, remove all dirt, grease and contaminants. Clean metal with 4T100 before finishing.

**Ambient Conditions:** Use only when ambient conditions are 18°C to 30°C and RH= 40-60%. Finish temperature must be > 15°C. Wood moisture content must be between 6 - 10%. Substrates should be acclimated with recommended ambient conditions.

**Application:** Following surface preparation; Apply by spray. Check with equipment manufacturer for settings to achieve the correct atomization. For best results, always sand in between coats. To protect primed surface, topcoat with Schwartz 1A line of NC-base Black Lacquer topcoats. Always allow to dry and scuff sand between coats with 280-320 grit sandpaper.

**Dry Time:** Tack Free Time = 15 - 20 minutes  
To Sand = 30 minutes  
To Recoat = 40 minutes  
(25C, 60% RH) Cold temperature and high humidity can cause prolonged dry times.

**Recoat time:** 40 minutes per coat (25C, 60% RH)

**Clean-up:** 4T100 Lacquer Thinner

**Storage:** Store indoor at room temperature, away from heat, ignition sources, open flames and direct sunlight.

**Warning:** AVOID sparking, use non-sparking tools. Avoid open flames, turn off all pilot lights, ensure that work area is properly ventilated. Soiled rags and waste products may contain combustible liquids or vapours, dispose in accordance with local regulations. Refer to MSDS for information on safe use of this product.

## LIMITATIONS and WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job- conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose. Schwartz makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

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