

through the testing procedure. For best adhesion to non-Sashco coatings, it is usually best to lightly sand the surface before applying Symphony. Old finishes, that may have darkened, need to be removed with abrasives if the color of the logs is to be lightened either with a light colored stain, plus a top-coat of Symphony, or with clear Symphony alone.

### Dilution/Stirring

Do not dilute. Stir thoroughly before using. Do not shake as this will cause foaming.

### Application Methods

For best results, apply Symphony with a high-quality synthetic bristle brush. It may also be applied with a foam brush, pad applicator or spray applicator. Back brushing after spraying will enhance penetration into the wood surface. Brush material in the direction of the grain. Do not over-brush (bubbles can form). Sand between coats for a smoother finish.

### Number of Coats

Apply two or more coats—additional coats will give a more durable finish, with higher gloss and more depth.

### Dry Time

Symphony will dry to touch in one hour and can be sanded after two hours (when the air is warm & dry). Recoating can be done after 1-2 hours. Allow wood that will be handled to dry overnight before using. Actual dry time depends on thickness of coats, temperature and humidity.

## Technical Data:

*(Not to be considered specifications.)*

### Sheen levels:

Gloss, Satin

### Packaging:

1-gallon and 5-gallon plastic pails

### VOC:

Less than 350 g/l (2.8 lbs/gal)

### Solvent Composition:

Dipropylene glycol methyl ether, dipropylene glycol butyl ether, N-Methyl-2-pyrrolidone, water and propylene glycol. (See MSDS)

### Solids:

23%

### Coverage

The first coat will cover 200-300 sq. ft/gal (18-28 sq. m/gal). Average coverage rate after first coat is 400-500 sq. ft/gal (37-46 sq. m/gal). Porous woods will result in reduced coverage.

### Room Conditions

Apply when 50°-90°F. Best results are obtained at 60°-90°F. Avoid applying in cold drafts or areas with no overhead roofs.

### Freeze-Thaw Stability

Symphony may freeze if exposed to very low temperatures. If Symphony does freeze, store in a warm area until completely thawed and at room temperature before using. Tested through 5 freeze-thaw cycles.

### Clean Up

Clean equipment and hands with soap and water. Spray equipment should be cleaned with water followed by cleaning with paint thinner. Use paint thinner to clean dried material.

### Storage

While freeze-thaw stable, it is best to store Symphony at moderate temperatures, between 60°F and 80°F. Store in tightly sealed containers. Cover the pails when not in use.

### Limited Warranty

Sashco warrants Symphony Clear Interior Log Coating to be free from defects. If Symphony is proved to be defective, Sashco will replace the product. Sashco's sole responsibility is set forth in this warranty. Neither the seller, nor Sashco, shall, in any way, be liable for incidental, indirect or consequential damages, including repair and reapplication labor. No other warranties are expressed or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Single-family residential use only.

### Shelf Life:

18 months from date of manufacture

### pH:

8-9

### Viscosity:

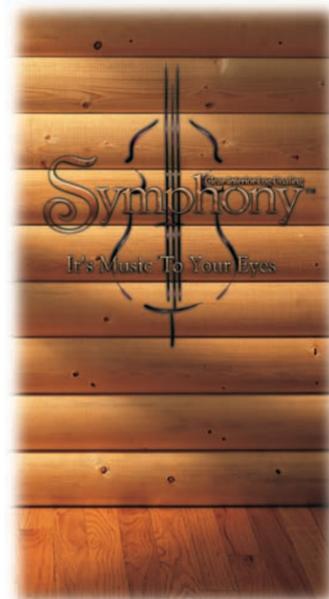
400-600 cps @ 60 rpm with #3 spindle

### Density:

(wt/gal) 8-9 pounds/gallon



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When natural beauty is your passion, Symphony is “music to your eyes.” It’s the colorless coating that not only protects, it livens the interior of your home by allowing light to dance off the logs. When applied to bare wood, Symphony enhances the natural grain, color and beauty. But it can also be used over many stains to display an orchestra of visual impact—adding depth and richness to the color. With Symphony, cozy warmth and natural elegance can be yours.

### Designed specifically for your log home:

- Although Symphony, as well as many of the interior clear coats on the market, is a clear, non-yellowing

product, over time the substrate under the coating, especially bare wood, will darken or shift color. Therefore, we recommend that you apply a tinted stain first and then top-coat with Symphony. The stain’s pigments will help mask this inevitable darkening of the underlying substrate and help to mitigate the problems that can occur when wall hangings are removed.

- A slick surface that makes cleaning a breeze—just use a damp rag to remove dust, dirt and stains.
- An environmentally friendly, low toxicity, non-flammable formula that doesn’t have the offensive odor associated with many other clear coatings.
- Convenient 5-gallon pail packaging that lends itself to spray application, which can save you time and labor.
- Unlike many other water-based coatings, Symphony remains stable through several freeze-thaw cycles.
- Symphony is versatile and can also be used on interior woodwork, cabinets, paneling and wood trim. *It is not recommended for floors or exteriors.*

## Fundamental Application Guidelines

1. Proper substrate preparation and application are imperative for product longevity. Read this entire Data Tec (SYM 002) before applying any product.
2. You should always test any coatings on your specific logs before applying to an entire wall.
3. Apply only to interior walls where the roof is in place, the product is at room temperature, there are no cold drafts and the wood surfaces are between 50°- 90°F.
4. Tannin staining should be dealt with before applying any interior clear coatings to bare logs. Refer to the section titled “Tannin Staining” for further information on this important topic. If you’ve applied a pigmented coat of stain, then tannin staining is not an issue.
5. The moisture content of interior wood should be low enough to resist microbial growth before applying any coatings, at least 20% or less. Use a moisture meter to verify the logs’ moisture content, it should not exceed 20%. If the wood’s moisture content is higher, wait until it lowers to 15% or less, or add a biocide (such as Stay Clean I/E) to your coating before application.

### Tannin Staining

Ugly brown or yellow discolorations in wood are most often due to tannin staining which is sometimes referred to as water staining, because these types of stains are caused by moisture in wood. Tannins are a natural component in all wood, and help give it its natural color. Although tannin staining can occur on exterior wood, it is more noticeable and objectionable when it occurs on the interior of a home.

Tannin staining occurs several different ways—

- at the surface of logs high in moisture content, when tannins from the interior of the logs are moved to the surface by escaping water.
- when water drips on or flows over a wood surface over a period of time. These areas will have a central region of wood very light, almost white, in color, surrounded by an irregular region of wood much darker in color where the tannins have built up and concentrated.

Usually, the tannin discoloration in the surface of the wood is only 1/32”, or so, deep and can either be lightly sanded away and/or bleached with such wood treatments as sodium percarbonate (like Sashco’s CPR), oxalic acid or chlorine bleach. Some testing will always be required to find the best method of tannin stain control for your particular circumstance. Contact Sashco for more details.

## Applying Symphony

First make certain that you’ve followed the “Fundamental Application Guidelines”, and then read these specific application instructions for Symphony.

### New Wood

If you’ve decided to keep your logs natural looking and only want to apply Symphony to bare wood, best results are obtained if you sand the wood to a smooth finish with fine sandpaper. Be certain to remove all dust before finishing. Do not use steel wool; it may cause rust stains. If you desire a really smooth finish, sand between coats.

### Finished Wood

Compatibility is a huge issue, so logs that already have some type of stain or sealer on them will need to be tested for compatibility; call us and we will talk you

