



Fall, 2025
Vol. 29, No. 3

Published by: *Schroeder
Log Home Supply, Inc.*
Art Director: *Doug Todd*
1101 SE 7th Ave.
Grand Rapids, MN 55744



1-800-359-6614
(218) 326-4434

FAX

1-800-755-3249
(218) 326-2529



WEBSITE

www.loghelp.com

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**SCHROEDER
LOG HOME SUPPLY, INC.**
Grand Rapids, MN

LOG CORE

Inside Log Help For Those Into Log Buildings

A CRAFTSMAN'S ODE TO HAND TOOLS

By John Schroeder.
Reprinted from the International
Mass Timber Alliance September
2025 Newsletter

In the loud, fast, mass-produced world we now live, power tools, chainsaws, and even emerging robotics have taken the lead in mass wood construction. With speed and efficiency, it's no wonder why the machines have taken hold. Yet, let us take a few moments to appreciate the slower, silent ways of traditional hand tools. After all, some of the appeals to log and timber structures are the connection to nature, the traditional timeless feel, and the nostalgia of historic structures.



When broadaxe, adze, or drawknife have rendered the cant into usable stock, [chisels and gouges](#) may be used in part to create the notches, mortises, and tenons, allowing timbers to interlock and join one another into cohesive structure. Where chainsaws, chain mortisers, and other tools of power might make quick work of removing wooden overburden, the precision of a well-sharpened hand tool is hard to beat. Even those

craftsmen who use fast machines to make rough cuts will often stop and finish the line with a traditional hand tool.

If there could be only one tool on a woodworker's belt, it would have to be a good [axe](#). From felling a tree to hewing it into timbers and cutting notches, an axe is the essential mass timber worker's tool. Though it may not be the best choice for every cut, a willing soul could build an entire log shelter using just an axe if he had to. The percussive rhythm of each blow taking down a giant in an otherwise silent forest is a noise arguably less intrusive to natural solitude than a whining chainsaw.

Like an axe with its blade turned ninety degrees, an adze may prove superior to some axes in transforming a round log into a squared timber for construction. Where some other fine tools might leave a smooth plane giving no hint to its passing, an [adze](#) roughly and proudly leaves its tracks on the timber's face to make no apologies for the craftsman's marks.

As an adze turns a log into usable stock, so a [draw-knife](#) wields the power to convert a fallen tree into a skinned log ready for notching. With each pull of the blade, the worker can see, smell, and appreciate the protective design of the outer and inner bark and feel a connection to the building material he is processing.

Of course, before the chisels take their turn, relief cuts are typically made; and even before that the stock must be bucked into its properly measured length. Again, where chainsaws and power tools might make quick work of the task, they also create a ruckus that separates the craftsman from nature. A case can be made for the slow path, using hand saws that allow the craftsman to be free of hearing protection and therefore enjoy the rhythm of the teeth passing through the kerf. If working outside, the craftsman might also absorb the songs of birds and breeze overhead. At the risk of waxing romantic, one might say there is poetry in the use of quieter hand tools, which is lost in the speed and noise of power tools.

One could go on and on about slicks, hand planes, bits in braces, and countless other fine tools of wood and steel, but the point is made. Modern technology has brought us speed, efficiency, and affordability—but with it has come noise, disconnect from nature, and separation from tradition. Let us appreciate fine hand tools, and find opportunities to craft with wood the slow and quiet way as much as possible. Where speed is lost, connection to the wood is gained.

NEW

EYE ON NEW PRODUCTS



BOARD DEFENSE

Termiticide, Insecticide and Fungicide Concentrate prevents wood-ingesting insects and wood decay. Rot, weather, insects, and fungi all pose a serious threat to your logs. Protect your investment—treat your logs first to make them last. Board Defense, a borate-based wood preservative, helps protect your log home from the costly damage caused by rot and insect infestation. Prevents decay

fungi: Trace amounts of moisture can make their way into the wood via new cracks and checks and cause log rot. That's when Board Defense goes to work to prevent rot until you can seal those cracks up. Use on exterior or interior bare wood. Simply mix water with the powder and apply with a pump sprayer. Do not use on any wood with a stain or coating on it. Board Defense will not penetrate to provide the necessary protection. [Made in the USA.](#)

Ⓢ **Cannot be sold or shipped to Canada or to Homeowners in CT or NY.**

How much Board Defense do I need?

One 1 lb. jar will cover 70 – 120 sq. ft., depending on wood porosity. PR190-55010 **\$19.99**

One 20 lb. / 5 gal. pail will cover 2,000 – 2,500 sq. ft., depending on wood porosity. PR190-55011 **\$129.99**

Order Online



CHARLIE'S 1001 HEAVY DUTY DEGREASER

An eco-friendly natural degreaser that doesn't cut back on superior cleaning capabilities. Free of all the bad stuff, like perfumes, dyes, abrasives, and bleach, Charlie's 1001 Degreaser is all about all-purpose. At high concentrations, it's powerful enough to take on the grease of grills and heavy machinery. At lower levels, it can clean upholstery and car interiors without damaging the finish. From outdoor furniture to driveways to carpets, 1001 degreaser has you covered.

How To Use Charlie's Soap 1001 Degreaser

First, dilute with warm water according to our helpful guidelines printed on the bottle. Second, using a microfiber cloth or brush, scrub the greasy areas of your grill, upholstery, boat, home exterior, or anything else washable. Then, simply rinse the area thoroughly with cool water, and enjoy the deep clean.

- 1 to 1: BBQ Grills and Heavy Machinery
- 2 to 1: Soap scum, Upholstery Pretreating
- 3 to 1: Pet Stains, Patio and Deck Cleaning
- 4 to 1: RV's, Boats, Home Exteriors, and Carpets
- 10 to 1: Lawn Furniture, Countertops, and Driveways
- 100 to 1: Upholstery, Car Detailing.

[Made in the USA.](#)

1-gal H313-71401 **\$36.99**

Order Online

SALE!

EYE ON CAULKING



Delivers performance that's hard to see. Conceal's colors blend in with the most popular stains used on log homes, and Conceal's light texture simulates the natural roughness of wood. The combination of color and texture makes it hard to see where the caulking ends and the logs begin. Although the caulking is hard to see, Conceal delivers performance. It has superior elongation, memory, and adhesion. Is resistant to rainfall in 1-4 hours and excellent for filling and concealing checks. Conceal has a limited lifetime warranty. **Application Temp:** 50-90° F. **Cleanup:** Soap & water. **Shelf Life:** 3 years. [Made in the USA.](#)



Frontier Gold **Harvest Wheat** **Gold Tone** **Brown Tone**
formerly Warm Honey formerly Golden Mesa



Red Tone **Redwood** **Grizzly Brown** **Weathered Gray**
formerly Canyon Wall formerly Santa Fe Trail

10.5 oz. Tubes (12 tubes per case)

Tube ~~\$10.99~~ **\$9.89** Case **\$118.68**

Order Online



MANUS-BOND 75-AM CAULKING

A polyurethane caulking that has excellent adhesion to wood, especially on wood treated with paraffinic oil stains such as ProLuxe/Sikkens. It is paintable, sandable, and cures fast, even in low temperatures. Extremely low odor. Excellent for using in tight, enclosed spaces and more pest resistant than latex caulks. If it rains shortly after application, it will not wash down the sides of your walls like acrylic based caulking. Instead, the rain will actually help it to set up. **Application Temp:** Surface must be above 40° F and frost free. **Note:** If applying after staining, remember to cover Manus-Bond with stain after caulking has cured; this will provide UV protection and extend its longevity. **Cleanup:** Mineral spirits. **Shelf Life:** 1 year. [Made in the USA.](#)



Cedar

10.1 oz. Tubes (12 tubes per case)

Tube **\$6.45**

Case **\$69.66**

10% Off Through October!

Order Online

[See More Caulking Online!](#)

INTERIOR WOOD FINISHES



An extremely effective, attractive, semi-transparent exterior stain that is followed by a weather-repellent topcoat, Cascade. Capture also works well by itself as a one coat interior stain or can be top-coated with Symphony as the topcoat (see next page). All three are products are freeze-thaw stable in their containers through at least 5 freeze-thaw cycles. Capture Log Stain's unique elastic formula allows it to move freely as your logs move, instead of cracking and peeling. **Application Temp:** 40-90° F. **Coverage:** 150-300 sq. ft. per gal., depending on surface roughness. **Cleanup:** Soap and water. **Made in the USA.**

1 gal. \$90.99 \$81.89 5 gal. \$410.99 \$369.89

[See More Online](#)

IWF SERIES INTERIOR WOOD FINISHES



Available in two deep-penetrating formulas: Polyurethane (IWF-P) & Alkyd (IWF-A) based resin wood finishes for those looking for the basic oiled look. **Application Temp:** 50-80° F. **Coverage:** Approx. 200-400 sq. ft. per gal. **Cleanup:** Mineral spirits. **Do Not Freeze. Made in the USA.**

⊘ Prohibited in: AZ (Maricopa County) CA, CT, DC, DE, IL, IN, MA, MD, ME, NJ, NH, NY, OH, PA, RI, VA, VT.

Color	1 gal.	5 gal.
Clear	\$67.99	\$299.99
Honey	\$68.99	\$304.99

[See More Online](#)



OUTLAST INSIDE SATIN

A premier interior treatment designed with log home wall and trim surfaces in mind. Available in clear, light, and medium, it is "tough as nails", but allows interior log moisture vapor to escape without clouding the finish. Outlast Inside Lo-Glos provides all the benefits of Outlast Inside Satin in a low gloss sheen.

Use over Inside Satin when a glossier look is desired. Excellent for kitchen cabinets, trim work, doors and more. **Not Suggested for Floors.** **Application Temp:** Above 40° F. **Coverage:** 400 sq. ft. per gal on smooth wood. **Cleanup:** Soap and water. **Do Not Freeze.**

Outlast Inside Satin and Inside Lo-Glos are "stand alone" products. They are ideally suited for new construction, although it can be applied as a top coat over oil stains after at least 7 days of dry time. Subtle highlighting effects can also be achieved using a base coat of Outlast Inside Satin light or medium, followed by a top-coat of Outlast Inside Satin Clear or Inside Clear Lo-Glos. **Made in the USA.**

Color	1 gal.	5 gal.
Clear Satin	\$81.00	\$375.00
Clear Lo-Glos	\$99.00	\$465.00
Light Tone Satin	-	\$375.00
Med. Tone Satin	\$81.00	\$375.00

[Order Online](#)



COLORFAST

Designed to even out wood porosity, creating a smoother surface for stain application and preventing over-absorption and a too-dark color. Apply on bare wood on the interior and under Sashco's Capture or Symphony® interior clear coat to avoid yellowing around wall décor. **Coverage:** Approx. 150-300 sq. ft. per gal. **Cleanup:** Soap and water. **Made in the USA.**
1 gal. \$73.99 \$66.59 5 gal. \$322.99 \$299.69

[See More Online](#)



PERMA-CHINK LIFELINE INTERIOR

Enhances the natural beauty and grain of your interior log walls and ceilings. Provides a breathable yet tough film finish that is easily washed, cleaned, and dusted. Reduces absorption of normal household odors into the wood. Non-flammable and virtually odorless. Lifeline Interior will not yellow and lets the natural look and beauty of wood show through.

Application Temperature: 40-90°F. **Coverage:** 350-800 sq. ft. per gal. **Cleanup:** Soap and water. **Made in the USA.**

1 gal. \$63.99 5 gal. \$287.99

[See More Online](#)



PERMA-CHINK LIFELINE SURE SHINE

A premium polyurethane finish that is specifically designed for finishing and protecting wood floors, cabinets, walls, and other wood surfaces where a clear, durable, scuff-resistant finish is desired. Its waterborne formulation is non-flammable, has little odor and resists yellowing. Once cured, Sure Shine is more durable than most water or solvent-based clear finishes. With its fast drying water based formula, multiple coats can be applied in a single day. **Application Temp:** 40-90° F. **Coverage:** 600-900 sq. ft. per gallon. **Cleanup:** Soap and water. **Made in the USA.**

1 gal. \$129.99 5 gal. \$459.70

[See More Online](#)

FIVES ship FREE!*

*Free shipping on five gallon pails of stain and sealants ordered online thru Fall. Ground shipping to the Continental US only. Choose "5s Ship Free" as the shipping method. Shipping fee may apply to other items on the order sent separately.

Not included: NatureColor, NatureOne, PPG ProLux, WeatherSeal, strippers, cleaners, and preservatives.

INTERIOR WOOD FINISHES



SANSIN PURITY FLOOR

With 2-3 coats it amplifies the natural tones and character of your wood floors. Durable, chemical- and scratch-resistant, it protects wood surfaces, including softwoods like pine. It levels extremely well, builds protection quickly and dries to a perfectly even, glass-like finish. **Application Temp:**

50-75° F. **Coverage:** 400-500 sq. ft. per gallon. **Cleanup:** Soap and water. **Do Not Freeze. Made in Canada.**

Purity Floor	1 gal.	5 gal.
Clear Gloss or Satin	\$144.93	\$666.66

[See More Online](#)

Resolution II is the second step in the Resolution I-II finishing system. Resolution II is a crystal-clear low-VOC finish available in gloss or satin formulas.

Application Temp: 50-75° F.

Coverage: Resolution I: 150-200 Resolution II: 75-100 sq. ft. per litre. **Cleanup:** Resolution I: Mineral Spirits Resolution II: Soap & Water **Do Not Freeze. Made in Canada.**

Quart (.95 liter)	2.5 Litre (.66 gal)
\$68.94 - \$69.86	\$134.10 - \$136.71

[See More Online](#)

AVOID FROZEN PRODUCT BY ORDERING INTERIOR FINISHES BEFORE COLD WEATHER HITS!



SANSIN PURITY INTERIOR

A low VOC, low odor, water-borne wood finish that enhances the wood's natural character.

- Clear minimizes the yellowing of the wood like pine, while maintaining a slight tan finish.
- Glacier remains completely clear in color and transparency and will not yellow over time.

Do not use Glacier over products like Sansin Classic or SDF.

Application Temp: 50-75° F. **Coverage:** 300-500 sq. ft. per gallon per application depending upon type of surface. **Cleanup:** Soap and water. **Do Not Freeze. Made in Canada.**

Sansin Purity Interior	1 gal.	5 gal.
Clear - Gloss, Low Luster, & Satin	\$112.41	\$517.10
Glacier - Gloss, Low Luster, & Satin	\$94.21	\$433.38

[See More Online](#)



SYMPHONY INTERIOR CLEAR WOOD FINISH

The wood of a finely-crafted cello creates a distinguished resonance, just as Symphony® works in harmony with the unique character of your logs and wood to reflect an atmosphere of cozy warmth and elegance. Symphony's elastic yet scuff-resistant formula means hassle-free cleaning. Designed for the interior wood of your log home. Use on cabinets, paneling, wood trim, and over many stains to add depth and richness to the color. Symphony is a clear, fast-drying, non-yellowing, water-based polyurethane. Not recommended for floors. Satin or Gloss. **Application Temp:** 50-90° F.

Coverage: 200-500 sq. ft. per gallon. **Cleanup:** Soap & water - paint thinner for dried material. **Shelf Life:** 3 years. **Made in the USA.**

1 gal.	5 gal.
\$88.99 \$80.09	\$399.99 \$359.99

[See More Online](#)



SANSIN RESOLUTION I & II

Sansin has developed a two-part wood finishing system that is tougher, more beautiful and longer-lasting than varnish. Designed for furniture, doors and other marine and land-based applications where UV resistance and moisture

protection are a must, the Resolution system delivers brilliant clarity combined with chemical, scratch and water resistance. And, you can count on Resolution coming in a low-VOC, easy to apply gloss or satin finish. Available in several natural wood tones, and in clear for interior wood. For teak, choose Resolution I Teak Yellow or Teak Red for first coat exterior applications. DO NOT mix Resolution I and Resolution II with each other or with any other formulas.

Resolution I is the primer step in the Resolution I-II finishing system. As the primer step in the Resolution finishing system, Resolution I may also be used as standalone protection for wood interiors. Resolution I is a high solids finish that penetrates and fills wood grain with deep UV and moisture protection.



UV GUARD is an exterior and interior acrylic waterbased, semi-transparent wood finish that contains advanced UV absorbers and stabilizers. Three Coat Application: two coats of pigmented finish followed by a top coat of clear is recommended.

Application Temp: 40-90° F. **Coverage:** 150-500 sq. ft. per gal. **Cleanup:** Soap and water. Dried brushes will require cleaning with lacquer thinner. **Do Not Freeze. Made in the USA. Advance Clear Top Coat, Dark Brown, Honey Brown, & Sunlight are available. All Other Colors are Special Order - Nonreturnable.**

Color	1 gal.	5 gal.
Advance Clear	\$85.92	\$350.91
Dark Brown	\$89.92	\$305.95
Honey Brown		
Sunlight		

[See More Online](#)

Notice: Finishes shipped to: CA, CO, CT, DC, ME, MN, NY, OR, RI, & VT will include an additional \$0.75 per 1-gal and \$1.60 per 5-gal pail sold in order to comply with PaintCare State Law Legislation. (Minnesota & Vermont are now \$0.99 per 1-gal and \$1.99 per 5-gal pail). To find out more go to www.paintcare.org

HAPPY Thanksgiving ONE AND ALL

CALENDAR:

ILBA Annual Meeting Oct. 30th-Nov. 2nd Canmore, CA
 Daylight Savings Nov. 2nd Set Clocks Back
 Thanksgiving Nov. 27th-28th Office Closed

TO PLACE AN ORDER:

Call Toll Free: 1-800-359-6614 or order online:
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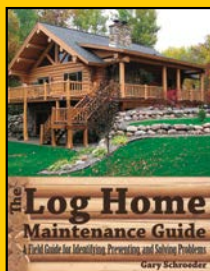
SCHROEDER LOG HOME SUPPLY, INC.
 1101 SE 7th Ave Grand Rapids, MN 55744

BUSINESS HOURS:

MAY - OCT: Weekdays 8:00 - 4:30 p.m. CST (Saturdays by appointment).
NOV - APRIL: Weekdays 8:00 - 4:30 p.m. CST (Closed Saturdays).
 If traveling long distances - Please Call Ahead



RESTORATION SPECIAL



We are often asked how to restore rotten logs. We suggest [The Log Home Maintenance Guide](#). It reveals tips and tricks for using wood epoxies for log home restoration. To help you get started with your restoration project, we offer a 15% Discount off *The Log Home Maintenance Guide* when you buy any wood epoxy products like [LiquidWood](#), [WoodEpoxy](#), or the [Wood Restoration Kit](#) and this book. If you call in your order, just ask for the "Restoration Special". If you order online, your discount will be applied after we receive your order. Offer good for one book per order.

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DID YOU KNOW?

LIFETIME

WOOD TREATMENT

LIFETIME IS ALREADY ON SALE!
ENJOY AN ADDITIONAL 10% OFF THROUGH OCTOBER!

Order Online

See More Sale Items Online!

OMG Fasteners On Sale!

10 Packs Available!

Order Online

Order Online

TREAD SPREAD

Prevent Slip and Fall Accidents with Tread Spread. Bonds tenaciously to concrete, wood, metal, fiberglass, and most rigid surfaces. Use on wet, dry, and underwater surfaces. High-traction and easy to apply. Much more durable and longer lasting than tapes. Exceeds OSHA and ADA recommendations for slip resistance in both wet and dry conditions.

Applications: Pools, decks, locker rooms, boats, steps, ramps, and other surfaces where slip resistance is needed.

Colors: Slate Gray (Safety Yellow available by request)

Coverage: 12 square feet x 1/8" thick per gallon

Hardening Time: 1 hour approx.

2 Pint Kit PR011-TREAD SPREAD-2PT **\$49.50**

2 Gallon Kit PR011-TREAD SPREAD-1GAL **\$197.90**

Order Online

Follow these easy instructions for a long-lasting application:

1. Apply tape to create stencil.
2. Mix together equal volumes of TREAD SPREAD Part A and B.
3. Apply with trowel or putty knife.
4. Remove tape before hardening.