

Easy to Use - Hard to See

Conceal®

Textured Caulk for Wood



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You want to see your logs, not shiny caulk lines, but caulk is necessary to keep the weather and bugs out. You need Conceal® Textured Caulk. Conceal® is the first caulk designed specifically for wood. It's lightly textured to simulate the natural roughness of wood and extremely elastic to maintain a years-long seal that keeps weather, bugs, and moisture out. Available in several colors designed to complement the most popular wood stain colors, Conceal® disappears into the woodwork so you don't know where the wood starts and the caulk begins.

Why use Conceal®?

- Great look - matches the texture of wood grain
- Easy to apply and smooth out
- Ultra-elastic - won't crack or tear
- Easy to clean up with water

Fundamental Caulking Application Guidelines

- Proper substrate preparation and application are imperative for product longevity. Read this entire Info Sheet before applying any product.
- Use Conceal® in joints up to **2" wide**. If the joints are wider, we recommend Sashco's Log Jam® chinking.
- For best results, apply Conceal® to clean, stained or clear coated wood. Make sure your stain is compatible first! Conceal® is compatible with all Sashco stains and clear coats. For other brands, contact us at 800-767-5656 for guidance.
- Check the weather forecast. Finishing products are best applied in moderate weather conditions, i.e., warm, dry conditions and out of direct sunlight.
- Check the surface temperature. It should be between 40°– 90°F (4°– 32°C).
- It is always best to use a bond breaker (usually backer rod) before caulking. Sashco strongly recommends the use of backer rod, especially if the home is new and/or the wood is subject to significant movement. *If a bond breaker is not used, expect more caulking repairs.*
- Tool Conceal® to help ensure good contact with the wood surfaces. This will greatly aid adhesion.
- Ideal caulk depth is half of the joint width, but no less than 1/4" and no more than 1/2".

- Assemble tools and equipment:
 - Backer rod
 - Caulking guns
 - Trowels, spatulas, or foam brushes for tooling
 - Clean water and rags
 - Plastic sheets to cover the caulking if wet weather moves in
 - Staple gun & staples (if necessary to help with backer rod installation)
- If you have any questions about application, watch our application videos at sashco.com or call us call us at **800-767-5656**.

Surface Preparation

Best results are obtained when Conceal® is applied to wood that has been previously coated with a compatible and thoroughly cured stain.

If not using a Sashco stain, be sure to confirm its compatibility with Conceal®. If the stain is older but still intact, clean the wood surfaces thoroughly to remove dirt, pollen, bird droppings, and other surface contaminants.

The USDA Forest Products Laboratory and other researchers around the world have recently reported that surface wood exposed to sunlight for as little as 1-2 weeks can become significantly damaged and unsound which may lead to premature adhesive failure of coatings. Such surface wood damage has the potential to also hurt Conceal's (or any caulk's) adhesion. Once bare wood has been properly cleaned and prepped to remove unsound wood, stain should be applied as soon as possible. Follow with Conceal® caulking.

A few stains, especially those high in wax content or non-drying oils, may interfere with adhesion. Some of these coatings can hurt any caulk's adhesion—whether applied before or *after* the caulk—so we advise against their use. Check with Sashco if you have questions about your particular product.

INFO SHEET

800-767-5656 • sashco.com

Stacking Application



Apply bead(s) according to the log home manufacturer's instructions. Stack the next log and repeat. Don't allow caulk to skin over prior to stacking.

Swedish Cope Logs



1 – Gun Conceal® into clean, stained joints.



2 – Tool to ensure a tight seal to the top and bottom of the caulk line leaving at least 1/4" depth of caulk in the center of the joint.*

Milled Tongue & Groove Logs with a Caulk Well



1 – Install backer rod into the caulk well of clean, stained logs.



2 – Gun Conceal® over the backer rod.



3 – Tool to ensure a tight seal to the top and bottom of the caulk line.

Checks



1 – Install backer rod into a clean, stained check to the appropriate depth. (See Fundamental Application Guidelines.)



2 – Gun Conceal® over the backer rod.



3 – Tool Conceal®.

* NOTE: Use a bond breaker (i.e., backer rod) when significant log movement could occur. When movement is known to be minimal (as with many older homes) using backer rod is still best, but usually less critical.

Methods of Application

When using 5-gallon pails, Sashco's patented Snorkler® pumping system, grout bags, or bulk loading guns may be used. Use a caulking gun when using either the 30 oz. or 10.5 oz. cartridges of Conceal®. When using a cartridge, cut the spout at a 45° angle to desired bead size. Conceal® requires no heating prior to application but will dispense easier when kept warm before use.

Tooling

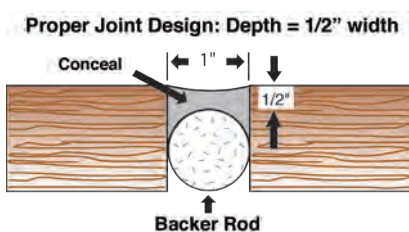
Conceal® should be tooled directly after application to ensure good adhesion and a smooth looking bead. Conceal® may be tooled with ordinary masonry-type tooling blades, a wetted finger, or a damp polyethylene foam brush. Work the material smooth, tooling Conceal® tightly to the surfaces, keeping a rag handy for clean up.

Checks and Cracks

Logs tend to take on water from rain and snow through cracks and checks; therefore, it is important to pay close attention to these openings and prep and seal them properly. *Note: Most small checks should not be caulked. Only the larger ones (1/4" or larger) should be sealed with backer rod and caulk.*

Joint Design

Joint width should be a minimum of 1/4", but no larger than 2", and 4 times the anticipated joint movement. For example, if you anticipate movement of 1/8", bead width should be about 1/2".



For joints 1" wide or more, the depth should be 3/8" to 1/2". The depth of joints less than 1" wide should be half the width but no less than 1/4". (Joint depth, overall, should be between 1/4" and 1/2".)

Cleanup & Disposal

Clean excess product off surfaces (before it cures) with a putty knife and/or a damp rag. Dispose of Conceal® in accordance with local regulations. Do not dispose of in drinking water supplies. Water may be used for cleaning hands, surfaces and equipment. Solvents are not required for cleanup.

Logs Move!

Occasionally, a small number of logs on any home may undergo extreme movement. This movement is a natural part of the logs moisture content adjusting to their new settings. Most logs, as they dry (or go through the repeated process of taking on and giving up moisture), will undergo moderate levels of stress on the caulks applied to them. An occasional log will randomly and unpredictably twist, shrink or warp in

response to these moisture changes, moving more than any caulk can possibly handle.

When this extreme movement occurs, it will cause the caulk to fail either cohesively or adhesively. If the failure is cohesive (caulk splits apart), then the repair is performed by simply cleaning the surfaces of the failed caulk and reapplying more. If the failure is adhesive (caulk pulls cleanly away from the substrate), it usually needs to be removed and completely redone.

Limited Lifetime Warranty

For the full warranty and exclusions, please visit sashco.com/legal-notice.

First Aid

First-aid measures after eye contact :

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion:

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

KEEP OUT OF REACH OF CHILDREN.

Technical Data

(Not to be considered specifications)

Colors

Frontier Gold
Harvest Wheat
Gold Tone (formerly Warm Honey)
Brown Tone (formerly Golden Mesa)
Red Tone (formerly Canyon Wall)
Redwood (formerly Santa Fe Trail)
Grizzly Brown
Weathered Gray

Packaging

10.5 oz. cartridges, 30 oz. cartridges,
and 5-gallon pails.

Application Range

Surface temp of 40°F (4°C) – 90°F (32°C)

Service Range

-30°F (-34°C) –250°F (121°C)

Paintability

Paintable with latex coatings after a minimum of 24 hours curing (longer on wider joints) and after 5 days with most oil-based coatings. Contact Sashco for more specific guidance.

Compatibility

Conceal® will adhere to woods treated with most preservatives including borates, pentachlorophenol, and copper compounds. Conceal® is also compatible with insulating glass sealants and most building materials, including foam insulation and vinyl windows.

Specifications

Passes ASTM C-834, the performance requirements of TT-S-00230B and ASTM C-920 Class 25.
Meets FHA requirements.

VOC

<1.5% by weight, max, 42 g/L.

Cure-Through Time

3 weeks (1/2" thickness, 70°F, 50% relative humidity)

Extrusion Rate (ASTM C-603)

1100 g/min (1/8" orifice at 40 psi)

Freeze-Thaw Stability (ASTM C-731)

Passes 5 cycles (0°F - 70°F)

Hardness, Shore A (ASTM C-661)

20 (21-day cure)

Elongation @ Break

550%

Solids (ASTM C-1250)

73% by weight, 71% by volume

Tack-Free Time (ASTM C-679)

Less than 1 hour

Resistance to Substrate Staining (ASTM D-2203)

None

Water Resistance

No washout (4 hours, 40°F, 50% relative humidity)
In severe conditions - under 40°F (4°C) and/or 70%+ humidity – full rain resistance may take longer. Cover exterior walls with plastic if rainfall is expected within 24 hours after installation.

Not recommended for continuous submersion or areas exposed to foot or vehicular traffic.

The data reported here are believed to be reliable. No warranty is made or implied concerning their accuracy or the results obtained from their use.

Conceal® COVERAGE RATES

Joint Width	Recommended Joint Depth	LINEAL FT. Per 5 gal. pail	Per 30 oz. car- tridge	Per 10.5 oz. cartridge
1/4"	1/4"	1540	70.0	25.7
3/8"	1/4"	875	39.8	14.6
1/2"	1/4"	750	34.1	12.5
5/8"	3/8"	410	18.6	6.8
3/4"	3/8"	280	12.7	4.7
1"	1/2"	195	8.9	3.3

