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

Packaging
10.5 oz. plastic cartridges, 29 oz. fiber cartridges, and 5-gallon straight-sided pails. (Not all colors are available in all sizes.)

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.
*** Some borate wood preservatives contain glycols or other agents that could interfere with adhesion. Sashco's PeneTreat contains no glycols.*

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.

Weathering

Washout	None
Cracking	None
Discoloration	Passes ASTM C-834

Notice
Sashco will test any stain to determine compatibility with Conceal. Call us for details.

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

CONCEAL® COVERAGE RATES

Joint Width	Recommended Joint Depth	LINEAL FT. Per 5 gal. pail	Per 29 oz. cartridge	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

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Conceal Textured Caulk for Wood

Conceal textured caulk delivers performance that's hard to see. Conceal's 7 colors blend in with the most popular stains used on log and wood 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 wood begins. Instead, they just blend together.

Although the caulking is hard to see, Conceal delivers performance. It outperforms all other textured caulks currently available. Additionally, Conceal. . .

- Cleans up with soap and water
- Is resistant to rainfall in 1-4 hours
- Has a limited lifetime warranty
- Has superior elongation, memory and adhesion

Fundamental Caulking Application Guidelines

- Proper substrate preparation and application are imperative for product longevity. Read this entire Info Sheet (CNL 002) before applying any product.
- Conceal is not a chinking and should be used in joints under **2" wide**. If the joints are wider, we recommend either Log Jam or Chinker's Edge.
- Make certain there is compatibility between your stain and Conceal. We recommend Sashco's Capture®/Cascade®, High Sierra®, or Transformation® stains for exterior applications and Symphony® interior clear coat for beautiful long-term protection. Best results are obtained when Conceal is applied to clean, stained wood. Call Sashco at 1-800-767-5656 for guidance.
- Check the weather forecast. Finishing products are best applied in moderate weather conditions, i.e., out of direct sunlight, in dry, warm conditions.
- 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 **www.sashco.com** or call us call us at **1-800-767-5656**.

Surface Preparation

Best results are obtained when Conceal is applied to wood that has been previously coated with a compatible and thoroughly cured stain. In fact, Conceal has a Limited Lifetime Warranty when applied over any of Sashco's stains: Capture Log Stain, High Sierra or Transformation. Call us for details on this special warranty – the best in the industry!

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

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 29 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

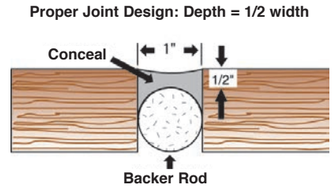
Conceal should be tooled directly after application to ensure good adhesion and a smooth looking bead. Conceal may be tooled with ordinary masonry-type tooling blades, a wetted finger, or a damp polyethylene foam brush.Work the material smooth, tooling Conceal tightly to the surfaces, keeping a rag handy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

Clean-up & 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 clean-up.

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.

Warranty

Sashco Sealants warrants that Conceal will stretch up to 100% of original joint size (± 50%) and will not pull away or center tear when applied in accordance to this Conceal Info Sheet (CNL-002). If you are dissatisfied at any time with Conceal's performance in these areas, return proof of purchase to Sashco. Limited to product replacement only.

Sashco warrants this product will substantially meet published specifications on the date of sale. If it fails to do so, return unused portion with original sales receipt for replacement or refund, at Sashco's sole option. These are purchaser's sole and exclusive remedies for any breach of warranty. Purchaser must determine suitability of product for purchaser's specific needs and assumes all risk associated with its use.

Except as stated above there are no warranties for this product. **The foregoing express warranty is in lieu of all other warranties, express or implied, including without limitation implied warranties of merchantability or fitness for a particular purpose, which warranties are specifically excluded and disclaimed.** This Limited Warranty gives you specific legal rights. You may have other rights which vary from state to state. Some states do not allow exclusion of implied warranties in consumer or other sales, limitations on the duration of implied warranties, or exclusion or limitation of incidental or consequential damages. Thus, the limitations or exclusions contained above may not apply to you depending upon your specific circumstances.

First Aid

EYES: Immediately flush with large quantities of water for at least 15 minutes. If irritation persists, see a medical doctor.

SKIN: Wash with soap and water and rinse thoroughly. Wash contaminated clothing before use.

INHALATION: Remove to fresh air.

INGESTION: If large quantities are swallowed, DO NOT INDUCE VOMITING - seek medical help.

KEEP OUT OF REACH OF CHILDREN.