



SEAL FAST LIQUI-FLASH

DESCRIPTION

Seal Fast Liqui-Flash is a one component, non-shrink, advanced technology polyurethane sealant designed for filling and sealing pitch pockets and pans, metal roof seams & fasteners, inlaid gutters, polyurethane foam, aged smooth asphalt and modified bitumen and aged PVC and EPDM roofs. It may also be used on TPO roofs when primed. Liqui-Flash is compatible with Mule-Hide acrylic and silicone roof coatings. It is ideal for repairing hail damaged polyurethane foam roofs. It may also be used in conjunction with custom manufactured Mule-Hide Shape Shift and metal pitch pockets. Liqui-Flash will require the use of an acceptable primer when applied to new single-ply materials.

Liqui-Flash can be used to seal and flash unusually shaped penetrations. It can be combined with Mule-Hide Polyester Reinforced Fabric to solve any typical or challenging penetration on aged roofs.

Liqui-Flash is semi-self-leveling so that it can be used to seal seams and affect repairs on single-ply membranes at any slope. Liqui-Flash may be applied with minimal tooling. Viscous enough to avoid running and drain out issues encountered with more liquid sealers. Performance range is -40° F to +200° F.

TYPICAL PHYSICAL PROPERTIES

Property	Method	Value*
Viscosity	ASTM D 2196	100,000 cps
Solids by Weight	ASTM D 1644	100%
Solids by Volume	ASTM D 2697	100%
Weight Per Gallon	ASTM D 1475	13 lbs.
Hardness – Shore A	ASTM C 661	31
Tensile Strength	ASTM D 2370	400 psi
Elongation	ASTM D 2370	400%
Movement	ASTM C 719	+/-25%
Skin Time	ASTM C 679	30 Minutes
Tack Free	ASTM C 679	2 Hours
Flash Point	ASTM D56	None
VOC	EPA 24	8 g/l / < 1.5%

*Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification or specification range for any particular property of this product. Property values are +/- 5%

COLORS

White, Black, and Grey

PACKAGING

Container Sizes: 20oz. Sausage tubes, 1 gallon pails, and 3.5 gallon pails

CODE APPROVALS/COMPLIANCE

Meets: ASTM C-920, Type S, Class 25, Use NT, T, M, G, A & O
Fed Spec TT-S-00230c, Class A, Type II
Canadian Standards Board CAN 19, 13-M87

COVERAGE RATES

1 Sausage Tube @ 60 mils = Approximately 2 square feet
1 gallon @ 60 mils = Approximately 25 square feet

Product Data Sheet

Seal Fast Liqui-Flash

INSTALLATION INSTRUCTIONS

It is recommended that the roof surfaces be cleaned with Mule-Hide 115 Cleaner and rinsed thoroughly or pressure washed. Single-ply will require the cleaned surface to be wiped with Weathered Membrane Cleaner to remove any cleaner residue. New TPO must be primed with TPO Primer, Aged TPO membranes (2-years old and older) must be primed with Si TPO Primer. When in doubt of the age, use Si TPO Primer. This process will remove surface contamination and improve adhesion of the Liqui-Flash to metal, aged PVC, primed TPO, aged EPDM and smooth surfaced asphalt and modified bitumen roofs.

Liqui-Flash is a one component, ready-to-use material that requires no mixing or preparation.

1. A quality caulking gun should be used with sausage tubes.
2. Liqui-Flash may be applied by brush or trowel.
3. If there is a concern related to potential adhesion of this product to a specific substrate, an adhesion test should be performed. Contact Mule-Hide's Technical Department for more information.

CLEAN UP

Clean up with Mule-Hide Si Cleaning Solvent.

STORAGE & HANDLING

All materials shall have proper identification & labels. All containers must have airtight unbroken seals or unopened containers. All materials must be stored in a secure area to prevent theft, damage, or vandalism. Any containers without proper manufacturer's identification will not be acceptable. All materials at jobsite must have proper SDS Sheets available at the project site. All materials are to be stored in a cool dry place at not less than 45°F and no higher than 90°F.

Shelf life is 2 years from date of manufacturer with proper storage and handling. High temperatures and high humidity during storage will shorten the product's shelf life.

PROTECTION & SAFETY

Mule-Hide maintains Safety Data Sheets on all of its non-exempt products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Mule-Hide's Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Mule-Hide products in your facilities.

PRECAUTIONS

Do not take internally. If swallowed, do not induce vomiting. Read SDS prior to use.

KEEP OUT OF REACH OF CHILDREN

ADDITIONAL INFORMATION

The information given on this PDS is subject to change without notice. Always check the Mule-Hide website at www.mulehide.com for the latest information, changes and updates or contact Mule-Hide Products Co., Inc. at 800-786-1492.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate at the time of printing. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the alleged failure before repairs are made.