

### OVERVIEW

**VaproLiqui-Flash** is a liquid applied **Waterproof Flashing** material for window and door interfaces. It is designed for use with VaproShield Sheet Membranes in Air Barrier and Weather Resistive Barrier applications.

**VaproLiqui-Flash** is a unique material formulated to bond *without* primers to VaproShield membranes and most common wall substrates forming a monolithic, waterproof surface while remaining permeable to water vapor. It allows underlying moisture to escape to the exterior, reducing the potential for mold and decay that is often associated with non-permeable flashings.

### BENEFITS

- Allows same day installation of windows and doors
- Bonds directly to damp or dry surfaces and cures under a variety of weather conditions
- Skins-over in 30 minutes and dries in 4 hours at 70°F (21°C) and 50% relative humidity
- Suitable for all climates and weather conditions
- Produces an opaque membrane when installed at the recommended 12-15 wet mils simplifying inspection and quality control
- May be exposed to weather for up to 6 months without compromising performance
- Single component formulation
- No shrinkage. No staining. No yellowing.
- Breathable – allows damp surface to dry
- Will not support mold growth
- Non-corrosive and adds self-sealing properties to fastener penetrations

### COMPOSITION

- Solvent free. Isocyanate free. Complies with all VOC regulations. STPE provides superior long term adhesion, crack bridging and weathering characteristics. Meets IITS-0230C and ASTM-C-920.

### COMPATIBILITY

- Appropriate for vertical or horizontal above-grade applications to concrete, masonry, natural stone, structural sheathing, architectural metal panels, painted metals, glass, PVC, FRP, EPDM, all VaproShield Weather Resistive Barrier and Air Barrier membranes, and most other building materials.



*Apply using a professional caulkungun.*



*Use a dry joint knife, trowel or spatula to spread.*



*Using VaproLiqui-Flash simplifies the process of producing watertight details in new or existing construction.*

**ADHESION**

- Adheres to most common building materials without priming to produce a durable, weather-tight seal, which is not subject to tearing or displacement when subjected to wind loads during construction.

**VAPROLIQUI-FLASH TESTING**

VAPROLIQUI-FLASH	
FORM	black, gun-grade sealant
SPECIFIC GRAVITY	1.45 - 1.60
pH	Not Applicable
WT/GAL	12.5 lbs./gal
ACTIVE CONTENT	99%
TOTAL SOLIDS	99%
VOC CONTENT	30 g/L maximum
FLASH POINT	No data
FREEZE POINT	No data
SHELF LIFE	1 year in unopened, factory-sealed container
CURED PROPERTIES	
Hardness, Shore A	40-45
Tensile Strength	180 psi
Elongation at Break	400%
Water Vapor Transmission	14 perms @ 12 mils
Peel Strength	12 pli
Accelerated Weathering	Passes
Surface Burning ASTM E 84	Flame Spread: 0 Smoke Developed: 15 NFPA and ICC Class A Building Material
Staining	Passes
Corrosive Properties	Non-corrosive
UNCURED PROPERTIES	
Cure Rate	3/16 inch thickness/24 hours

**INSTALLATION**

- Surface and ambient temperatures must be above 35° and below 100°F (2° to 38°C) for application.
- Cured service temperatures: -50° to 350°F (-45° to 175°C)
- Gun-able 20 oz. (567 g) sausages
- Easily spreads and trowels into place
- See VaproLiqui-Flash Installation Instructions for Best Practice Installation Sequence

**VOC COMPLIANCE**

VaproLiqui-Flash is compliant with the following national, state and district VOC regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts
- South Coast Air Quality Management District
- Maricopa County, AZ
- Northeast Ozone Transport Commission

VaproLiqui-Flash simplifies the process of creating watertight details around openings and penetrations, it even bonds and seals in wet weather and on damp substrates.

