

# Flowlok EXP

## Asphaltic Liquid Roofing Membrane

### Description

FLOWLOK EXP is an asphalt based, highly versatile, elastomeric, weather resistant, ecofriendly, waterproof coating for decks, roofs, metal surfaces and more. It is designed for both, indoor and outdoor use. With its unsurpassed ability to expand and contract, it can easily withstand any movement and weather condition. This application utilizes cold liquid applied adhesion and instant cure technology. Flowlok EXP may be top coated with Flowlok PTC for LEED and energy star accreditation.

Flowlok EXP system is an ideal solution for roof retrofitting as well, with superior adhesion to any substrate. It allows for minimal disruption to building occupants without added life safety and insurance concerns, smoke or offensive odors emitting during and / or post application.

### Features

- Self-heals and self-seals when punctured.
- Weather resistant - withstand temperature changes and surface shifts without straining or cracking
- Elongates up to 850%
- Seamless waterproofing membrane
- Protects against corrosion
- Eco Friendly
- VOC and toxin free

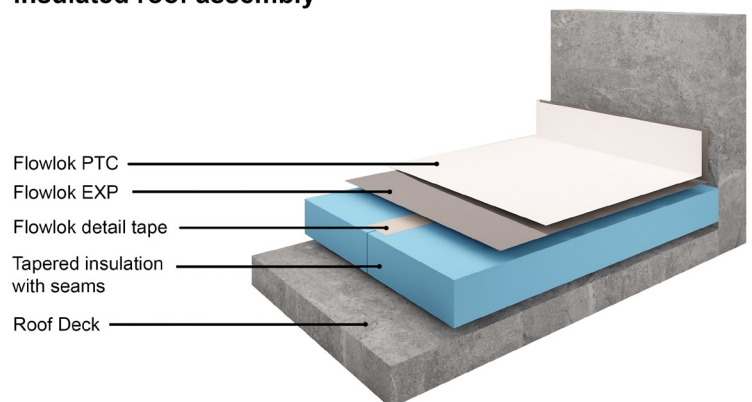
### Product Uses

- Inverted built-up roof (IRMA, green roof etc)
- Exposed, insulated roofs.
- Balconies
- Split slab
- Roof retrofit

### System Components

- **Flowlok EXP** – Liquid base membrane
- **Flowlok PTC** – Elastomeric top coat at exposed areas.
- **Flowlok XLM** – liquid detailing

Insulated roof assembly



## Membrane Properties

PERFORMANCE & PHYSICAL PROPERTIES	VALUE	TESTING
Tensile Strength	90 psi	ASTM D-412
Elongation	850%	
Salt fog corrosion, steel	1000 hours passing	ASTM D-412
Adhesion to concrete	111 psi	ASTM C-907
Biological resistance	Passed (>90% original value)	ASTM E-154, ASTM D-412
Impact resistance	Passed (168)	CSB 37-GP-56 @ 73°F, in-lbs
water tightness after impact	Passed (no leakage)	CGSB 37-GP-56, 24 hr @ 29N, 23°F
Puncture resistance	Passed (no perforations)	Durometer type 00
Hardness	85-87	ASTM G-155,
Accelerated weathering	Passed (no deterioration to film)	ASTM D-412
Tensile strength	Passed (>90% original value)	
Underwriters laboratories	Class A fire rating	
Cure time to touch	1 minute	
Cure time – full service	48 hours	
VOC	Contains no solvents	
Total solids by weight	62%	
Specific gravity	Approximately 1.0	
Viscosity, SSF @ 77°F	15-20 seconds	
pH	10-12	
color	Brown to black	

<b>Packaging</b>	5-gallon pails, Weight 53lbs 55-gal drums 265 gal totes
<b>Application/ Coverage</b>	Flowlok EXP applied at 40 mils thick, will produce 30 SF /Gal. Spray apply coating uniformly ensuring the entire surface is coated. Wait 20 minutes after initial set, prior to installing protection boards / insulation.  Flowlok EXP dries to the touch in one minute @ 68°F and is completely cured in 48 hours. Curing time may vary depending on temperature and relative humidity.
<b>Limitations</b>	Surfaces to be clean and free of debris.  Mildly alkaline. Do not apply when the ambient temperature is below freezing. Do not apply to wet, frozen or frosted surface.  Do no store in direct sunlight max (90°F, or below 41°F  Flowlok EXP is designed to serve a protective function rather than an aesthetic one. If appearance is a factor, this product can be used with FLOWLOK PTC, which comes in a variety of colors.  Although this product is highly versatile, there are some surfaces that it is not recommended for, such as coal-tar
<b>Storage</b>	Avoid storing or using the product in temperatures below 40°F. The uncured membrane may become damaged if frozen  Using a winterized kit, applicators can spray down to -14°F.
<b>Warranty</b>	Contact Flowlok for warranty period and information.

## FLOWLOK BY NATURASEAL

### CONTACT:

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Exclusive distribution and authorized installation in Northeastern United States by DripDrop Waterproofing



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