



Product Group: Vapor Lock™

Product Name: ShieldWall 39™
NSF 61 Certified

DESCRIPTION

ShieldWall 39™ is a water-based elastomer modified liquid rubber two-component system which self-adheres to most exterior acceptable substrates.

BASIC USES

When cured this seamless flexible coating functions as a high quality protective membrane providing excellent protection from water penetration, salt and/or other chemical attack on all concrete exterior surfaces.

MAJOR ADVANTAGES OF ShieldWall 39™

Shield Wall 39™ is an environmentally safe alternative to conventional hot applied bitumen or solvent based protective coats and is easier to use than plastic sheeting.

ShieldWall 39™ provides excellent waterproofing and chemical resistance characteristics generating a highly flexible seamless mem- brane that resists cracking and aging.

TECHNICAL AND PRODUCT DATA

NO VOC'S

NON-TOXIC

LOW ODOR & WATER-BASED

PHYSICAL PROPERTIES (Liquid)	
PROPERTY	TYPICAL RESULTS
Color	Brown to black
Specific gravity (Liquid) kg/L	Approx. 1.0
Odor	None
VOC	Contains no solvent
% solid (Wt.)	62-65%
Viscosity, SSF @ 25°C (77°F) second	15-20
pH	10-12

PROPERTY	TYPICAL RESULTS
Color	Brown to Black
Specific gravity kg/L	Approximately 1.0
Chemical resistance	Resists to most inorganic solution. Not recommended for petroleum products. See chemical chart for further data
Biological resistance ASTM E 154, AATM D 412	Passed (>90% original value)

Performance Data (Cured membrane)	
Impact resistance CSB 37-GP-56 @ 23o, in- lbs	Passed (168)
Water tightness after impact	Passed (no leakage)
Tensile strength ASTM D 412, psi	90
Elongation, %	850
Adhesion to Concrete resistance, ASTM C 907 (amended)	111

to tensile adhesion), psi	
Puncture resistance CGSB 37-GP-56, 24 HRS @ 29 N, -5°	Passed (No perforation)
Accelerated resistance, ASTM G 155, D 412	Passed (No deterioration of film)
Tensile strength	Passed (>90% original Value)
Hardness, Durometer Type 00	85-87
Underwriters Laboratories	Class A Fire Rating (Call for more details)

Solvent: None. Water base
Hazardous Vapors: None
Installation: All cementitious materials

Number of Components: 2
Packaging: 275 US Gallon Totes, 55 Gallon Drums, 5
Gallon Pails

APPLICATION INSTRUCTIONS

For best results ShieldWall 39™ should be applied to a dry surface which is free of dirt, debris, oil, form oil or any bond breaker. The product sets up rapidly, 3 minutes, and can be back filled after 24-48 hours.

COVERAGE				
Cured Membrane			Coverage	
mils	mm	ft ² /gal	ft ² /litre	m ² /litre
40	1.0	26	6.87	0.63
80	2.0	13	3.43	0.31
120	3.0	8.6	2.29	0.21
160	4.0	6.5	1.71	0.15

ShieldWall 39™ is non-tacky in one minute and cures within 48 hrs. A trained crew can apply 6000-7000 ft² (560 -650 m²) per day. Protection Board or insulation may be applied to the membrane surface after an initial set time of 20 minutes.

LIMITATIONS

ShieldWall 39™ should not be applied when the ambient temperature is below 5°C. The uncured membrane may be damaged if frozen. Do not apply to wet or frozen surfaces or directly before a rain.
CAUTION: For industrial use only. Keep out of the reach of children. Avoid storage below 5°C. Please consult the Material Safety Data Sheet before using

TECHINCAL SERVICE:

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SPECIAL HANDLING

Discard any frozen or separated, visually observable, product.

SAFETY

Please refer to SDS at www.spgGoGreen.com or contact SPG®.

WARRANTY DISCLAIMER

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