



SHIELD WALL39_{JET SET}

NSF 61 Certified

TECHNICAL AND PRODUCT DATA

- Solvent: None. Waterbased
- Number of Components: 2
- Hazardous Vapors: None
- Packaging: 275 US gal totes, 55 US gal drums, 5 US gal pails

APPLICATION INSTRUCTIONS

ShieldWall 39 is applied as a dual component system using a specially designed spray system. Both components of the system are water based and environmentally friendly. Applied at ambient temperature (above 15°C / 59°F)

Shield Wall 39 sets almost instantly, 3 minutes, forming a seamless flexible membrane. Backfilling can commence in 24-48 hours.

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

Shield Wall 39 is applied between 0.7 m/L (30 ft/US gal) to produce a 40-mil (1 mm) protective membrane to 0.175 m/L (7.5 ft/US gal) to produce a 160 mil (4 mm) membrane.

Shield Wall 39 dries to the touch in three (3) minutes @20oC / 68oF and is completely cured in 48 hours. This curing time may vary depending on temperature and relative humidity.

Typically, an applicator crew can spray 6,000 ft² (560 m²) per day. Protection board of insulation may be applied to the membrane surface after initial set time of 20 minutes.

Shield Wall 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.

| COVERAGE | | | | |
|----------------|-----|----------------------|--------------------|-------------------|
| CURED MEMBRANE | | | COVERAGE | |
| mils | mm | Ft ² /gal | ft ² /L | m ² /L |
| 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 | 0.51 |

DESCRIPTION

Discard any frozen or separated, visually observable, product.



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CURED MEMBRANE

| PROPERTY | TYPICAL RESULTS |
|---|--|
| PERFORMANCE DATA (Cured membrane) | |
| Colour | Brown to Black |
| Specific gravity. kg/L | Approximately 1.0 |
| Chemical resistance | Resiststomostinorganicsolution.Not recommended for petroleumproducts.Seechemicalchart for further data |
| Biological resistance ASTM E 154, AATM D 412 | Passed (>90% original value) |
| Impact resistance CSB 37-GP-56 @ 23°C, in lbs Water tightness after impact | Passed (168) Passed (no leakage) |
| Tensile strength ASTM D 412, psi | 90 |
| Elongation | 850 |
| Adhesion to Concrete resistance, ASTM C 907 (amended to tensile adhesion) , psi | 111 |
| Puncture resistance CGSB 37-GP-56, 24 HRS @ 29 N, -5°C | Passed (No perforation) |
| Accelerated resistance, ASTM G 155 D 412 Tensile strength | Passed (No deterioration of film) Passed (>90% original Value) |
| Hardness, Durometer Type 00 | 85-87 |
| Underwriters Laboratories | Class A Fire Rating (Call for more details) |



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DESCRIPTION

Shield Wall 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 spray-on, seamless, flexible rubber waterproof coating functions as a high quality protective membrane. Specified for use below-grade, **Shield Wall 39** provides excellent protection from water penetration, salt and/or other chemical attacks on all concrete exterior surfaces.

MAJOR ADVANTAGES OF SHIELD WALL 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.

Shield Wall 39 provides excellent waterproofing and chemical resistance characteristics generating a highly flexible seamless membrane that resists cracking and aging.

TECHNICAL AND PRODUCT DATA

| NO VOC'S - NON TOXIC - LOW ODOR & WATERBASED | |
|--|---------------------|
| PHYSICAL PROPERTIES (Liquid) | |
| PROPERTY | TYPICAL RESULTS |
| Colour | Brown to Black |
| Specific gravity (Liquid) kg/L | Approx. 1.0 None |
| Odour | Contains no solvent |
| VOC | 62-65% 15-20 10-12 |
| % solid (Wt.) | |
| Viscosity, SSF @ 25°C (77°F) | |
| pH | |



SPECIALTY
PRODUCTS
GROUP

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SAFETY

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

WARRANTY DISCLAIMER

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