

# Pro-Seal Flex System II RG™



*Nsf 61 Approved Polycarbon/Polycarbonate Membrane*

## Product Description

**Pro-Seal Flex System II RG™** is a single component NSF 61 approved polycarbon/polycarbonate monolithic membrane system for potable water tanks and reservoirs.

## Advantages

- Single component
- May be applied in vertical and horizontal applications.
- NSF 61 approved for potable water
- Multiple coats may be applied with no peeling
- Easily spot repairable
- Flexible
- Perfect for buried reservoirs

## Applications

- This material is meant for potable water tanks and reservoirs.
- For specified Waste Water Containment.

## Instructions

1. Surface must be dry, clean and free of all loose particulate and bond-breaking matter.
2. For specific application instructions or guide specifications, contact us at 800.349.7325 or [information@prosealproducts.com](mailto:information@prosealproducts.com)

## Technical Support

Contact our technical dept. at 800.349.7325 or [information@prosealproducts.com](mailto:information@prosealproducts.com)

## Technical

Information	Value
Material	1 Part
Appearance	Liquid
Flash Point	120°F
Application	See Guide Specification
Cure Time To Recoat	12-24 Hours
Full Cure	96 Hours
Spread Rate	30 Mills 50 Sq. Ft./Gallon
Solids	79% X Weight -72% Volume
Shelf Life	6 months (stored properly at 77°F)
Dry Film	4-60 Mills Max Per Coat 90 Mills Max Membrane
Stain Resistance	Very Good
Pot Life	1-2 Days Dry
Packaging:	5 Gallons or 55 Gallons

## Cautions

Keep out of reach of children. May cause skin or eye irritation. May be harmful if swallowed. Do not induce vomiting. Use in well ventilated areas. Contact a physician immediately and always seek a physician's advice regarding first aid. Use only in commercial or industrial applications. Use only on intended surfaces. Contact manufacturer for specific application uses. See material safety data sheet for additional cautions.

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## Specifications

Test	Data	Value
ASTM D 471	Water Absorption	< 1% wt Gain
ASTM E 96-66	Moisture Permeance 20 Groups Tested	> .0035 <1.1 Perms
ASTM D 903	Adhesion to concrete 4 groups tested	60 ± 10 PLI
ASTM D 2240	Hardness	55 Shore A
ASTM D 624	Tear strength 10 groups tested	125 ± 30 PLI
ASTM D 412	Tensile strength 10 groups tested	650 ± 70 PSI
ASTM D 412	Elongation 10 Groups Tested	350 ± 55 %
ASTM D 412	Recovery	98 ± 3%
ASTM D 2369	Solids content	82 ± 4% WT 74 ± 4% VOL
Brookfield Viscometer	Viscosity @ 77°F	65 ± Poise
ASTM D 154	Decay resistance	No Surface Defects
ASTM D 751	Hydrostatic pressure resistance	104 PSI .72 N/M <sup>2</sup>

\* Data based on laboratory tested materials.

## Chemical Resistance

Cured Material	Rating
Alkalies Spillage	Good
Alkalies Splash	Good
Solvents Fumes	Poor
Solvents Spillage	Fair
Solvents Splash	Fair
Salt Fumes	Good
Salt Spillage 72 Hours Clean-Up	Good
Water Spillage	Excellent
Water Splash	Excellent
Water Constant Immersion 48 Hrs Max	Excellent

## Additional Inverted Below Grade System Specifications

Test	Data	Value
ASTM E-154-88	Resistance to decay	.002 wt change .004 moisture permeation
ASTM D 1709	Puncture resistance	8800g (19.4 lbs)
ASTM D 56	Flash point	>200°F
ASTM D 412-98	Tensile strength	±650 psi
ASTM C 1135	Elongation %	± 400%
ASTM D 751	Hydrostatic resistance	350 lbs ± 10/in <sup>2</sup>
ASTM D 412-99	Adhesion to concrete	19 psi (no peel/film break)
ASTMD 836-89	Crack bridging flexibility	No cracks
ASTM E 96-80	Moisture permeability	<.0035

## Limited Warranty

We warrant our product to be free of defects in material and workmanship; and to be in accordance with our company quality control standards. All data, statements, and recommendations, made herein are based upon information we believe to be reliable, but are made without any representation, guarantee, or warranty of accuracy. Our products are sold on the condition that the user himself will evaluate them, as well as our recommendations, to determine their suitability for the user's own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations. Liability under any condition shall be limited to replacement of material only.



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