

RAMTECH LABORATORIES, INC.

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Eugene Levin
NeoPoxy Corporation
6805 Sierra Court, Suite A
Dublin, CA 94568-2654

July 19, 2000

Reissued: January 25, 2002 & July 10, 2003
Company and Product Name Change Only

Laboratory Number 11474C-99

RE: Chemical Resistance Testing on (NPR-5300) Epoxy Liner

Dear Mr. Levin:

In accordance with your request, Ramtech Laboratories, Inc. conducted chemical resistance testing on (NPR-5300 Series) epoxy liner in accordance to ASTM D543 and the "Greenbook" 2000 Edition Standard Specifications for Public Works Construction Table 207 15.3 (B). The samples were weighed at intervals of 28, 56, 84, and 112-day exposures.

Conditions of Acceptance:

No weight gain or weight loss greater than $\pm 1\%$.

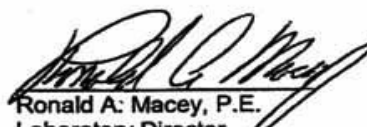
Results:

To the extent tested the samples meet the minimum requirements of Table 207-15.3 (A) for weight change requirements.

The results are shown on the following pages.

Respectfully Submitted:

Ramtech Laboratories, Inc.


Ronald A. Macey, P.E.
Laboratory Director

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ENGINEERING • MATERIALS TESTING



NPR-5300 Series 100% Solids, Zero-VOC Epoxy 112 Day “Greenbook” Corrosion Resistance Test Results

After 112 days exposure to a variety of chemicals which may be present in municipal sewage NPR-5300 series demonstrates outstanding chemical resistance. Independent third party testing performed to the standards of The City of Los Angeles Standard Specifications For Public Works Construction “Greenbook” by Ramtec Laboratories, Inc., Paramount, California. Standard weight change allowance is $\pm 1.5\%$. NPR-5300 series surpassed the requirements in all chemical solutions..

**Allowable
Range
+/-1.5%**

Chemical Solution	Percent Wt. Change
Sulfuric Acid, 31%	0.303
Sodium Hydroxide, 5%	0.201
Ammonium Hydroxide, 5%	0.263
Nitric Acid, 1%	0.375
Ferric Chloride, 1%	0.261
Sodium Hypochlorite, 1%	-0.456
Soap, 0.1%	0.251
Detergent, 0.1%	0.242
Bacteriological, BOD 700 ppm	0.252

Sulfuric acid resistance is of primary importance to owners of municipal and industrial sewage systems as this is the primary cause of corrosion failure. The chosen concentration of 30% sulfuric acid, by weight, is a very demanding test level. These test results demonstrate that that NPR-5300 series has exceptional resistance to high concentrations of sulfuric acid.