



COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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JAMES F. STAHL
Chief Engineer and General Manager

December 3, 2004

Mr. Eugene Levin
NeoPox Corporation
27057 Industrial Blvd., Ste. 208
Hayward, CA 94545

Dear Mr. Levin:

Evaluation of NeoPox NPR-5305 Coating for Concrete Protective Characteristics

NeoPox NPR-5305 Modified Epoxy coating was evaluated for its concrete protective characteristics in the Districts' Accelerated Testing Program. NPR-5305 successfully survived for 365 days of immersion in 10% sulfuric acid. Two coats of NPR-5305 were applied to a total minimum dry thickness of 250 mils. No indication of corrosion to the underlying concrete was observed. The coating was well bonded to the concrete substrate.

Information contained in this letter is not for publication or advertisement. No endorsement is intended for this lining system. Prior written approval from the Sanitation Districts is required for any advertisement or promotion that involves this agency.

Thank you for your continued cooperation and interest in the Districts' evaluation program for concrete coatings and linings. If you have any questions or need additional information, please contact me at (562) 908-4288, extension 1703.

Very truly yours,

James F. Stahl

Donna Won
Project Engineer
Sewerage Department

DW:ja

LA COUNTY SANITATION DISTRICTS REDNER TEST: EVALUATION OF PROTECTIVE COATINGS FOR CONCRETE

December 2004 Final Report

					Test Results*			
					Top Total Score = 3 Failed Coating = >5			
#	Product Code	Year Tested	Product Name	Manufacturer	Application	Acid Resistance	Concrete Bond	Total Score
1	C-49	1988	Semstone 140S	Degussa (BASF)	1	1	1	3
2	C-53	1988	I.P.I. Crystal Quartz	Integrated Polymer Industries, Inc.	1	1	1	3
3	C-97	2003	NPR-5300 Series	Neopoxy	1	1	1	3
4	C-25	1984	AquataPoxy	Raven Lining Systems (PPG)	2	1	1	4
5	C-28	1985	Concresive 1305	Degussa (BASF)	1	2	1	4
6	C-45	1988	Chesterton 798 Polymer Quartz	A.W. Chesterton Company	1	2	1	4
7	C-50	1988	Magma Quartz or Belzona 4111	Belzona Industrial	2	1	1	4
8	C-67	-	Sauereisen 210	Sauereisen	2	1	1	4
9	C-69	1992	Raven 405	Raven Lining Systems (PPG)	2	1	1	4
10	C-89	2000	Warren Epoxy Laminate	Warren Environmental	1	2	1	4
11	C-95	2003	Enemex Series 434 Chembloc	Tnemec	1	2	1	4
12	C-66	1992	Hydro-Pox 204	Con-Tech of California	2	1	2	5
13	C-74	1994	AquataPoxy A-6	Raven Lining Systems (PPG)	2	1	2	5
14	C-88	2000	Warren Epoxy Spray	Warren Environmental	2	2	1	5
15	C-14	1983	Sikagard 61	Sika Corporation	2	4	3	Failed
16	C-15	1984	Concresive	Degussa (BASF)	3	-	3	Failed
17	C-16	1984	Concresive 1305	Degussa (BASF)	2	4	1	Failed
18	C-19	1984	Sikagard 62	Sika Corporation	2	4	1	Failed
19	C-21	1984	Ipanol CH	IPA Systems	1	4	1	Failed
20	C-22	1984	ThoRoc HBS 100	Degussa (BASF)	3	3	1	Failed
21	C-41	1987	Overkote V	Concrete Protection Systems (Rustoleum)	4	4	1	Failed
22	C-42	1987	Fibre/Crete 2040	Con/Chem Inc.	2	4	1	Failed
23	C-51	1988	CR Barrier	Belzona Industrial	2	3	1	Failed
24	C-56	1988	Nu-Klad 100A	Ameron Protective Coatings (CorroTherm)	2	4	1	Failed
25	C-61	1990	Sauereisen 210	Sauereisen	2	3	1	Failed
26	C-7	1983	Engard 460	Engard Corporation	1	4	N/E	Failed
27	C-23	1984	Plasite 5308	Wisconsin Protection Coating Corporation	N/A	1	N/A	N/A

Test Procedure: Coating applied to concrete "test tank" and submerged in 10% sulfuric acid for 365 days.

*Rating System

1. No application problems, excellent resistance to acid, good bond to concrete.
 2. Some application problems, some reaction with acid, adequate bond to concrete.
 3. Significant application problems, material did not bond adequately to concrete.
 4. Failure in coating system as result of serious application problems, reaction of acid with coating, or failure to protect concrete.
- Failed: Products that received a total score of 6 or greater, and/or a score of 3 or 4 in any of the categories.