



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219-2000

Stephen Brich
Commissioner

October 17, 2019

Mr. Mark Hudson
Sherwin Williams Company
134 Oakdale Drive
Zelienople, PA. 16063

Mr. Hudson,

I have reviewed the information and test results from the zinc-rich coating system you requested for approval. The coating system consists of Zinc Clad 4100 prime coat and Sher-Loxane 800 top coat. This coating system was submitted to NTPEP as SSC 2018-01-003, and was approved by NEPCOAT on their QPL, List C, on April 2, 2019.

Based on this review, the following system is approved for Virginia's Qualified Low Volatile Organic Compound Zinc Rich Paint Systems List #13 as a GROUP IA System.

System Type: Organic zinc primer, Polysiloxane epoxy siloxane hybrid topcoat, organic zinc epoxy repair primer.

COAT	PAINT	COLOR	DRY FILM THICKNESS(mils)	VOC (lb/gal)
Primer(s)	Zinc Clad 4100	Gray-Green	3.0 - 5.0	2.7
Topcoat(s)	Sher-Loxane 800	As Specified	4.0 - 6.0	0.8
Primer Repair(s)	Zinc Clad 4100	Gray-Green	3.0 - 5.0	2.7

The paint system will be placed on the VDOT Qualified Zinc Rich Paint Systems List 13 in the near future. Until then, you may use this letter as confirmation of approval for this system.

Please be aware that VDOT specifications require the use of zinc dust that complies with ASTM D 520 Type II.

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Per Section 231.03(a) of the Road & Bridge Specifications, the North Eastern Protective Coating States (NEPCOAT) requires systems to be utilized within two years of approval. Please advise this office of where and when this system is applied for a minimum of the first five applications.

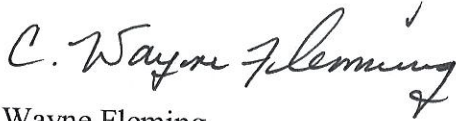
Coating systems are accepted on certification. Each lot must be certified. A copy of the suggested format for a certification is enclosed.

Please be aware this coating system has been qualified as a system, and must not be applied in combination with other approved systems unless approved by this office.

Also, any substitution of components is restricted. Any change in formulation will require re-qualification. As stated above, this coating system was approved by NEPCOAT in April, 2019 and will need to be resubmitted to NTPEP for re-qualification in the spring of 2024.

If you have any questions, please feel free to contact me at (804) 328-3126, or e-mail cw.fleming@vdot.virginia.gov or Katherine Watkins at (804) 328- 3123, or e-mail Katherine.Watkins@vdot.virginia.gov

Sincerely,



C. Wayne Fleming
Virginia Dept. of Transportation
Central Office, Materials
Chemistry Lab., Elko

Reviewed by:



James R. Swisher
Chemistry Lab., Program Manager



Katherine K. Watkins
Chemistry Lab., Supervisor

Enclosure

Cc: Mrs. Laura Hisey
Mr. Bryon Kile