

To: Alfred D Beitelman@FL-M@USACERL
From: N=PETE STAFFORD/C=US/A=ATTMAIL/P=GOV+USACE/O=LMK01/CELMK-OD-M
Subject: PolyArmor Coating Evaluation
Date: Wednesday, May 8, 1996 12:22:26 CDT

----- [X.400 Text Follows] -----

We are evaluating a District employee's suggestion to use a protective coating called "PolyArmor", a polyurea spray elastomer coating system from Visuron Technologies, Bay City, MI, phone 517-686-6550. It's been proposed for a wide variety of maintenance applications, including as an alternative to vinyls and epoxies, for lead paint encapsulation, as a roof repair membrane, and as a zebra mussel antifoulant nontoxic coating.

On April 19, Python Corporation, an authorized applicator based in Slidell, LA, demonstrated PolyArmor at one of our locks by applying it to several concrete and metal features. We were impressed by how quickly the coating was applied, built up, and cured. Single coatings of approximately 50 mils dried to the touch in less than a minute.

If it performs as advertised, the product appears to offer the flexibility of vinyl and strength of epoxy, but with less application time and effort, and the potential for eliminating coating defects that can shorten its effective life.

We would welcome your thoughts on how best to evaluate the product's potential applicability and durability, and of course any assistance that CERL can provide.

I can be reached via Corps e-mail or at phone 601-631-5312. If you want to talk with a Python representative concerning the product, suggest you call David Harvey at phone 504-649-0916, or pager 504-847-3598.

Thanks.

Pete Stafford
Civil Engineer
Technical Support Branch