



VISURON
TECHNOLOGIES, INC.

PolyArmor® 48-415

CASE STUDY #2

▶ CONCRETE POND LINING

- PROJECT:** Fish Rearing Pond Lining
- OWNER:** U.S. Department of the Interior Wild Life Service
Green Lake Fish Hatchery
Ellsworth, ME
- INSTALLER:** A to Z Coatings, Inc.
- SYSTEM:** POLYARMOR® 48-415
- COLOR:** Charcoal
- AREA:** 50,000+ sq. ft.



DISCUSSION: Eighty six circular concrete ponds, typically three feet deep and from twenty to forty feet in diameter, were previously lined with epoxy. The linings were failing badly. A successful trial was carried out by polyurea lining one pond. Following a year of satisfactory performance of the trial pond, the customer decided to have all of the ponds lined.

The concrete was sand blasted sufficiently to remove the remaining epoxy. The newly exposed concrete was primed with PRONTO PRIME™ concrete primer where possible. Alternatively, PRO PRIME™ concrete primer was used where fugitive fumes were a problem. The primed ponds were coated with .060 inch thick POLYARMOR® 48-415 plural polyurea.

The rapid turn around time associated with POLYARMOR® plural component systems was a primary reason that the customer specified this coating. Their annual inspection and maintenance seasons are very brief. Prompt completion of the job was a necessity.

For questions, please contact your Visuron representative.

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