

PolyArmor® *Warrior™* 260

FAST CURE SPRAY ELASTOMER SYSTEM

▶ **CASE STUDY 1: Phenolic Co-Polymer (patented)**

PROJECT: Waste Water Treatment Clarifier Lining

OWNER: Luprino Foods, Grand Rapids, MI

INSTALLER: RPS

SYSTEM: WARRIOR™ 260 - Phenolic co-polymer

COLOR: Light Gray

AREA: 22,000 sq. ft.



DISCUSSION: Badly eroded eight year old concrete walls and floor of primary clarifier in food processing plant were severely weakened and in danger of failure. The owner had tried epoxy lining which had failed in three years. It was decided to re-line with WARRIOR™ 260 which would stand up to the high concentration of calcium sulfate chemical used.



All surfaces were sand blasted cleaned, followed by sprayed primer coat of Pronto Prime concrete priming lacquer. Topcoat of .080 inch thick WARRIOR™ 260 was applied. Entire job was completed in 24 hours and re-watered in two hours.



▶ **CASE STUDY 2: Phenolic Co-Polymer (patented)**

PROJECT: Chemical Containment (PCB Specifically)

OWNER: AtoFina Chemical Co., Downriver, MI

INSTALLER: I. W. C.

SYSTEM: WARRIOR™ 260 - Phenolic co-polymer

COLOR: Charcoal

AREA: 90,000 sq. ft.



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CASE STUDY 2: Phenolic Co-Polymer (*patented*)

This project consisted of twenty-nine individual containments at the owner's facility where amine products are produced. The containment areas averaged about 3,000 sq. ft. each. Their design was typically poured concrete containment walls with coarse gravel floors (as can be seen in photograph on previous page).

U. S. E. P. A. mandated that the dyked areas all had to be sealed to prohibit PCB migration which was determined to be a serious problem.

The concrete areas were all rehabilitated and sand blasted, followed by spray application of Pronto Prime priming lacquer. The floors were covered first with non-woven geotextile that was lapped 12 inches up the walls. A fully monolithic seal of WARRIOR 260 was spray applied over the geotextile and up the vertical concrete walls.

WARRIOR™ 260 coating was applied over the top of the concrete walls to insure full-depth sealed containment areas. WARRIOR™ 260 was used as an adhesive to connect the lapped areas of the geotextile on both the floor and up the concrete walls.