

Case Study: NAVAIR (US NAVY)

Crossroads received a call one day from someone connected to the US Navy. They inquired “Do you make rocket launcher paint?” The president of Crossroads happened to field the call. His reply was “No, but I’m sure we can formulate one.” That is how a lot of our relationships develop. Someone has a coating problem or need and we solve it.

After some initial questions, it seemed as though the instructions and safety warnings that were stenciled on the rocket launchers burned off the first time the launcher was fired.

After receiving some samples, it appeared as though the blow back of hot gasses and aluminum oxide from the rockets was removing the coating that the instructions were stenciled on. The two pack urethane coating was being applied over a fire resistant coating. When temperatures reached 300°F, the fire retardant started to exude one of the fire retardant chemicals.

Crossroads developed a coating that was not only heat and abrasion resistant, it was also not affected by the exodus of the fire retardant chemicals. NAVAIR was so impressed with the coating, they wrote a specific mil-spec naming Crossroads as the only allowable source of this coating for the refurbishment or manufacture of the A10 Launcher.