

LIGHT INDUSTRIAL CASE STUDY

UTILITY BODY



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SITUATION

An overhead door contractor needed a solution for corrosion issues on his utility bodies. The thin paint protecting these vehicles was quickly wearing away, allowing severe rust to develop on the box and inside the compartments. These compartments were particularly susceptible due to the fact the bottom can completely rust out when the bare metal is exposed to standing water that gets trapped inside. Salt in the atmosphere was compounding the problem.

The beds of the utility bodies were exposed to intense impact requiring a product that can withstand added abuse. The coating also needed to allow the overhead doors and other materials to slide in and out of the beds easily. Finally, the finished product needed to live up to the client's image requirements.

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PROCEDURE

Recommended prep for this application is sandblasting or aggressive etching, followed by SF-515 primer. The truck was masked then the box walls, top and bumper were sprayed with XS-100, 90 mils on high wear areas like the walls, and 70 mils on the top. Black LINE-X® XTRA was utilized on all XS-100 areas.

The vehicle was unmasked and the floors of the compartment were sanded and wiped with denatured alcohol. The CU-400 was then poured onto the floor of the truck. No masking or taping was needed to pour the CU-400.

Approximately 112 pounds of CU-400 was used on 82.5 feet of floor, and less than 60 pounds of XS-100 was used on the other areas. The project required approximately a half a day to complete.

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SOLUTION

Black LINE-X® XS-100 was used to protect the walls, top and bumper of the utility box. To protect the UV stability the customer chose LINE-X XTRA. LINE-X CU-400 was used to protect the floor of the box and the floor of the compartments. The CU-400 provided the stronger protection for high impact and was smooth enough to allow the doors to slide easily.

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RESULTS

The LINE-X products not only protected the utility body from corrosion and intense impact, but also provided the smooth texture needed to allow the overhead doors to slide easily in and out of the truck. The added strength of CU-400 combined with its smooth surface made it an ideal product for this application. The customer was pleased with the resulting durability and look of the product.

