

Overcoating Process for Steel Structures



RUSTY METAL STRUCTURES ARE AN EYESORE! THEY ARE ALSO COSTLY TO REPAIR OR REPLACE.

READ ON TO FIND OUT WHAT THE ARMY IS DOING TO REDUCE COSTS AND INCREASE DURABILITY.

WOULD YOU LOOK AT THIS? MY NEW OVERCOAT WILL SAVE MY SKIN AND KEEP ME FROM FEELING MY TRUE AGE!

Just how committed is the Army to preserving maintenance dollars?

A new process designed to reduce corrosion on Army structures like aircraft hangars has some interest for field-level Soldiers.

In the past, as steel structures developed rust, the process was to remove the rust, paints and coatings down to the bare metal. Sand blasting produced hazardous waste. Wet methods helped keep waste from getting into the environment but the residue still had to be treated as hazardous, resulting in high disposal costs.

Overcoating, a new method, is more promising. Based on moisture-cured polyurethane (MCPUR), overcoating still requires the removal of loose rust and coatings. But it produces far less hazardous waste. With minimal preparation, MCPUR can be applied directly over washed and newly-primed surfaces, including lead-based paint and any remaining rust.

THE ARMY IS TAKING CARE OF CORROSION CONTROL FOR LARGE STRUCTURES, BUT WHO'S GOING TO TAKE CARE OF THE RUST ON YOUR EQUIPMENT? THERE'S NO ONE BETTER THAN YOU!

AWESOME! I ALREADY FEEL 20 YEARS YOUNGER!