

# TRUCKING & AUTOMOTIVE

## Fuel Tank Repair and Corrosion Protection

### MEGA STICK™ AND MEGA STEEL™ STEEL-POLYMER COMPOUNDS WEAR-FLEX™ XPRESS SPRAY COATING



#### APPLICATION STORY

- Aluminum and steel saddle fuel tanks on the sides of large trucks corrode over time due to frequent contact with road salt, ice, and snow. Unfortunately, both OEM and aftermarket tanks are expensive, and salvaged tanks are usually too distressed to use as-is.

- A truck shop in Canada was having to regularly replace tanks on trucks delivering feed to farmers. Feed falls on the tanks during loading and unloading and accelerates corrosion similar to road salt.
- Mega Stick and Mega Steel steel-polymer repair compounds and Wear-Flex XPress spray coating provide a system to repair and recondition external aluminum and steel work-truck fuel tanks. The steel compounds fix holes and provide extra strength to heavy wear areas, while Wear-Flex XPress spray makes the tanks more corrosion resistant.

#### APPLICATION STEPS

Use a coarse abrasive or grit blast the steel or aluminum tank.

Mix and apply Mega Stick to small holes (quarter-size) and 2" beyond the circumference of the hole.

Tape off the tank on both sides where the mounting bands wrap around the tanks.

Mix and apply 1/8" thick coating of Mega Steel.

Remove the tape.

Apply bonding agent to the tank and allow to fully dry.

Apply Wear-Flex XPress spray according to instructions.



#### FEATURES AND BENEFITS

##### *Mega Stick steel patching compound*

- Cures in 15 minutes for fast repairs
- Ideal for emergency repairs even on damp surfaces
- Can be drilled, filed, sanded and painted

##### *Mega Steel trowelable steel-polymer compound*

- Cost effective – it's like steel in a can
- Can be applied to vertical and overhead surfaces without slumping
- Abrasion and corrosion resistant
- Adheres to steel, aluminum and all ferrous and non-ferrous metals

##### *Wear-Flex XPress spray coating*

- Tough, flexible coating seals and protects surfaces from corrosion and moisture
- Cures in seconds even in cold temperatures
- Tenaciously bonds to most surfaces
- Very quick and easy to apply

# Mega Stick™ and Mega Steel™ Steel-Polymer Compounds Wear-Flex™ XPress Spray Coating

## Cost Savings Summary

**Date:** August 2011

**Repair Problem:** Corroded & leaking saddle fuel tanks on work trucks

**Customer Type:** Truck Shop

### Original Repair Procedure and Result:

Fuel tanks on the sides of work trucks are under constant attack from the environment. Worn and leaking tanks are replaced with new OEM (Original Equipment Manufacturer) or after-market parts. Salvaged tanks are generally too distressed to use "as is".

**Estimated per Tank Cost of Original Repair Procedure: \$1,500**

### Alternative Repair Procedure with Partsmaster Products and Results:

Repair and recondition worn or salvaged aluminum and steel fuel tanks. After sandblasting the tank to remove rust, use Mega Stick to plug worn or rust holes. Use Mega Steel to protect the high wear area on the tank that will be directly under the steel mounting bands. Coat the entire tank with Wear-Flex XPress Spray to protect from corrosion/chemical attack.

**Estimated per Tank Cost Using Partsmaster Products: \$ 734**

### Additional Comments:

The repair works on both steel and aluminum diesel and gas fuel tanks. Since most work trucks have two fuel tanks, per truck savings was also calculated.

***Estimated per Tank Savings: \$ 766***

***Estimated per Truck Savings: \$1,532***

### Additional Applications

- Leak Repair
- Oil Pan Corrosion and Rock Protection
- Oil Pan Repair
- Metal Building Corrosion Protection
- Wet Liner Repair
- Truck Cab/Step Corrosion Protection

Code	Description	Accessories
570-2-0000	Mega Stick steel patching compound, 4oz.	800-0-02 series Putty Knife, steel or plastic 703-1-512 series Disposable Nitrile Gloves
575-2-0500	Mega Steel 5 lb. kit includes putty knife, gloves, towels, instructions and a fold-flat tool box for a mixing surface	575-7-4800 Wear-Flex XPress Bonding Agent 575-7-4700 Wear-Flex XPress Spray Gun 575-7-4705 Wear-Flex XPress Spray Gun, in storage case
575-2-0505	Mega Steel 5lb. steel-polymer compound	575-7-4699 Wear-Flex XPress Spray Mixer Tips with Aspirator Nozzle
575-7-4600	Wear-Flex XPress Spray Coating, black, also available in a variety of colors	