

Rhino Linings®

PREMIUM PROTECTION

Project Name

Project: Caterpillar 789 Mud Guard
Category: Impact/Corrosion resistance/non conductive
Completion Date: October 2009
System: Rhino Tuff Stuff, Rhino Prime 251, Rhino Top Coat

Job Description

This Caterpillar 789 Haul Truck is part of a fleet used in the highly corrosive environment that exists on a mine site. As can be seen from the first photo, the mud guard is situated directly over the front left hand wheel, it is therefore extremely vulnerable to impact.

The guard was first sandblasted and repaired prior to application of Rhino Prime 251. It was then sprayed with Rhino Tuff Stuff. The Rhino Tuff Stuff was applied to the guard at a nominal thickness of 4mm on the underside in the colour of black. The battery box and door were also sprayed to prevent the battery from shorting out on the metal surface should it become dislodged from it's mounting.

The job was completed using a 1/4" fine texture atomizer. The extremely fast cure time of Rhino Tuff Stuff allowed easy application to vertical surfaces.

The first guard has been in operation for over 18 months and is showing no signs of wear. Since the initial trial a further 3 guards have been sprayed.

Example of a Caterpillar 789 Haul Truck.



Guard after sandblasting & prep



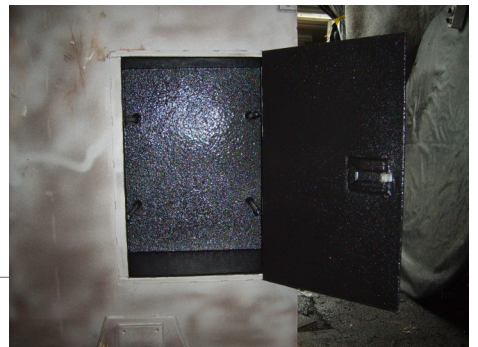
Guard after spraying Rhino Tuff Stuff



Guard after Rhino Tuff Stuff



Left: Battery box sandblasted & prep
Below: Battery box with Rhino Tuff Stuff



Rhino Linings®
Singleton NSW

32 Enterprise Crescent, Singleton, NSW, 2330
Tel: 02 6571 2424 Fax: 02 6571 3188
Email: admin@mmaint.com.au
Web: www.rhino linings.com.au/singleton