

**ANOTHER PROJECT  
DONE BEST  
WITH THE SPONGE-JET®**



**“I was very impressed with the Sponge-Jet technician on his level of commitment toward our efficient use of the Sponge Blasting System...he remained at the job site until we were completely self sufficient.”**

*Product Manager*

## Removal of failing alkyd enamel paint in a robotics manufacturing plant

**Problem:** Approximately 2300m<sup>2</sup> (25,000 ft<sup>2</sup>) of a failing alkyd enamel coating, 250 to 300 microns (10-12 mils) thick, needed removal from metal

**Goals:**

- Cost competitive
- Dry process
- Low dust process
- Minimal collateral damage
- Reduced containment costs

**Alternatives considered:**

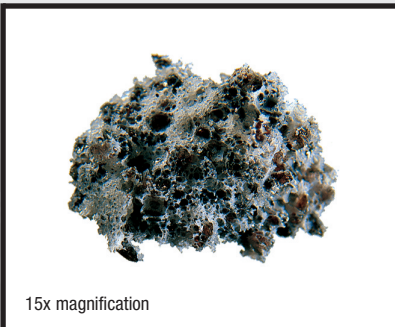
- Hand tooling
- High pressure water
- CO<sub>2</sub> pellet blasting

**Contractor's choice:**

Sponge-Jet's Sponge Blasting System™  
Silver Sponge Media™

decking, ceiling, and support structures in a Detroit robotics manufacturing plant. The presence of sensitive robotic machinery, electronic circuits and electrical conduit required a dry, low dust, low rebound surface preparation technology. The contractor, a surface preparation and painting company specializing in automotive manufacturing facilities, was hired to remove the peeling alkyd coating without risking damage to the robotic machinery.

**Solution:** Using **Sponge-Jet's Sponge Blasting System™**, the contractor was able to blast close to robotic manufacturing equipment. The low dust process efficiently removed the enamel coating without high cost containment structures. The contractor enjoyed 100% satisfaction from the facility supervisor, and looked forward to a continuing relationship.



15x magnification

**PRODUCT**

**Sponge-Jet® Silver Sponge Media™ featuring MICROCONTAINMENT™ technology**

**APPLICATIONS**

**Heavy abrasion, industrial coatings removal**

**PROFILE**

**75micron (3mil)**

**ABRASIVE**

**Aluminum Oxide**

**CLEANING RATE**

**6-17m<sup>2</sup>/hr(1-3ft<sup>2</sup>/min)**

**AVERAGE RECYCLES**

**5-7**

