

SPONGE-JET[®]

Low Dust Abrasive Blasting Technology

AUSTRALIA, NEW ZEALAND AND SOUTH PACIFIC
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CASE FILE

Upgrading This Vessel to Fire Standard Was Made Easy with Sponge-Jet

The *Customer*

Plastics & Rubber Manufacturer, Melbourne, AUSTRALIA

The *Application*
Vessel



This vessel was losing condition because of its close proximity to other vessels and equipment. As a result it was to be upgraded to a fire retardant spec which involved removal of the existing "2 pack" coating. Approximately 60m² had to be removed and a profile of 50 microns was required.

Sponge-Jet low dust alternative to abrasive blasting was selected because of its "practically dust free" system.

12 x 18 kg bags of Sponge-Jet S30 media was used to blast the vessel



Vessel top view - before works



Curtained off - ready for blasting

in preparation for its new fire retardant coating, then it was coated over with a water based acrylic membrane.

A chloride test showed that after one pass blast from Sponge-Jet the surface had a reading of 6.7 ppm.



Pictured operator blasting on the end of the vessel (the grey patch is the blasted area)



The finished vessel

Noticeably, unlike conventional blasting, there was no flash rusting evident after several hours!