

COAL SUMPS



CASE HISTORY

1800 352 228 WWW.IMATECH.COM.AU

 **IMATECH**
INNOVATIVE INDUSTRIAL SOLUTIONS

SUMMARY

INDUSTRY : Coal

PRODUCT : ARC 858, ARC BX2 and ARC S2

PLANT : Coal Washery

LOCATION : Blackwater, QLD

SUMMARY : Internals of de-sliming sumps were heavily pitted and holed out. Imatech water blasted the rust scales and the previous liner with ultra high pressure, then grit basted, regraded and lined the internals of the sumps with a combination of ARC 858, ARC BX2 and ARC S2 for a long term finish.

PROBLEM DESCRIPTION

- Client was facing high sump replacement costs due to heavy corrosion.
- Severe pitting and holes in the sump.



1. Condition prior to re-grading



2. Blasted surface



3. Prime coated

SOLUTION

Imatech primed holes with ARC S2 then regraded to wall thickness with ARC 858. Remainder of severe pitting was then trowel coated with ARC BX2.



1. Prime coating with ARC S2 Green



2. Final Coat ARC BX2 Grey

SOLUTION & RESULTS

- All internal surfaces were then coated with two coats of ARC S2 providing a long term abrasion resistant surface.
- The two coat, two colour system allows for easy wear identification when inspecting the coatings.



1. Initial prime coat



2. Final coat

CONTACT US

Let us help you find out how our ARC ceramic composites can improve your operations and save you time and money.

Toll free	: 1800 352 228
International	: +61 2 8853 3000
Email	: info@imatech.com.au
Website	: www.imatech.com.au