



ALTEX COATINGS LTD

Altex Coatings Ltd and Carboline uses Clarinspect for passive fire compliance.



Saving significant time



Report on coatings application



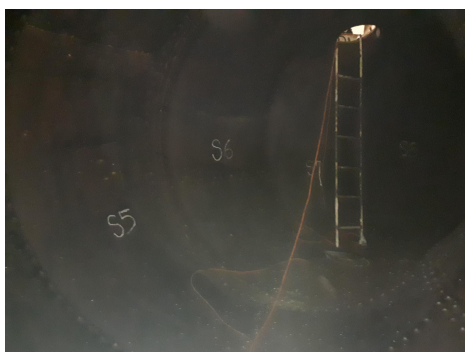
No more need for paperwork or double handling of reporting

Introduction

Altex Coatings Ltd. are a leading manufacturer and distributor of protective fireproofing, flooring and marine coatings. They serve the New Zealand market and the Australasia regions too. Altex Coatings Ltd. proudly hold exclusive licenses for some of the best internationally recognised coatings available and Carboline is an example of one of these high performing brands.

What Altex Coating LTD needed

Altex Coatings Ltd. perform inspections on their applied products for either maintenance & condition purposes or for validating the application of the coatings is up to standards and will perform as expected. What the team needed was an easy-to-use app to log the inspection data efficiently and to quickly produce a standardised report. Altex Coatings Ltd. needed a few different templates to meet the variety of inspections they undertake whether it was wet film thickness (WFT), dry film thickness (DFT), or coatings conditions, taking into account rust grade and damage assessment.



Altex Coatings Ltd. needed the app to support spot checks with date stamped narrative to produce a coatings diary as well as incorporate multiple photos that they could annotate to illustrate any issues they had found.

Spot the ladder! Credit: Altex Coatings Ltd.

The range of locations that Altex Coatings Ltd. staff have to work was an added complication - sometimes there is no network connection as they are knee high in water deep inside the penstock of a hydroelectric dam! Other times they are in a new build situation, or in a paint spray shop.

After a recommendation from a leading fireproofing coatings inspector, Garth Moran decided to investigate Clarinspect and see how this technology could benefit the business.



Freshly applied fireproofing coatings in a hospital construction.
Credit: Altex Coatings Ltd.

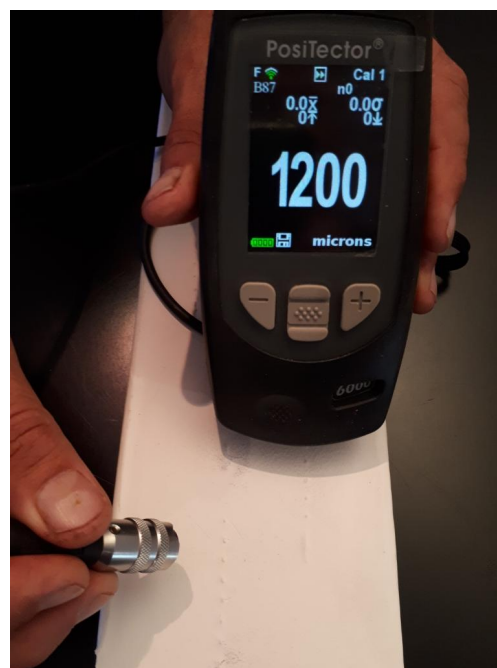
The Clarinspect approach

Working from examples of the reports that staff produced, and taking into account the way they work on site, Clarinspect created a prototype of the spot check form.

This was reviewed by the end-users, and suggested changes were incorporated into a second version, which was issued for review along with an automatically generated Microsoft Word report that contained all their information, a daily log section and all photos formatted and sized with their annotations.

As Clarinspect works 100% offline as well as it does online that meant the app met the requirement that it operate deep inside a structure such as a dam, or locations where there is no signal.

To support the onboarding of the inspection team Clarinspect also produced some specific user guides for the Altex Coatings Ltd. system.



DFT on Nullifire SC902
Credit: Altex Coatings Ltd.

Business outcomes

#1

App was designed to suit their needs

One of the aspects of Clarinspect that was pertinent to the Altex Coatings Ltd. staff was that the app was designed to suit them and the way they work, and they could continue to mould it to fit their practices.

Altex Coatings Ltd. are experts in their field of coatings so combining that with the tech capabilities of Clarinspect ensured we came up with an app that ensured their knowledge and experience was incorporated.

#2

Ability to use high res photos

Working with coatings meant that photo quality was essential, so Altex Coatings Ltd. equipped themselves with Android phones with high resolution cameras to get high quality, close up images of the surface of coatings.

Clarinspect is designed to deal with very large images, and by default supplies the end-users with the report along with a zip file of all photos at the original resolution - with and without annotations.

#3

An "Off the shelf" product was not going to cut it.

The combination of customised forms in the app, high quality images and rapid report generation made Clarinspect a winner for Altex Coatings Ltd.

#4

Receive draft report rapidly

As the Altex Coatings Ltd. staff are on the road the ability to synchronise the app, and then receive a draft report within minutes was a major result - it enabled staff on site to rapidly edit and then issue their clients with a report that previously took many hours to compile.

"Altex saves anywhere from 2 to 4 hours on each report using Clarinspect - depending on the size of the job. Improved consistency and formatting is another benefit."

- Elliot Gaensicke, Technical Support Specialist, July 2019

"The offline ability is very useful when I work in large pipes or locations without any coverage."

- Elliot Gaensicke, Technical Support Specialist, July 2019