

Project Case Study

Project

Kangaroo Island Information Centre
Kangaroo Island
SA



Project Summary

Substrate

40 MPA Concrete
Steel Trowel Finish

Surface Preparation

Whip Blast
Stencil Placement

System

Grit Blasting

Project Description

Grit blasting is a process where abrasive particles are pneumatically accelerated and forcefully directed against a surface. These high speed abrasive particles remove contaminants from the material's surface to condition the surface for subsequent finishing.

The council consulted the aboriginal community about the design of the pattern from which the stencils were cut to ensure the design was in harmony with the environment and belief systems of the aboriginal people.

Poly-Tech Complete Acid Protection was able to meet the requirements of the design brief with a decorative concrete blasting solution.

Leaves was blowing on the concrete and this was posing safety issues due to the surfaces being slippery. This problem resulted in plenty of testing to make sure the required finish met the non slip grading required by the council.

Firstly a whip blast was conducted over the selected concrete areas where the stencils were going to be placed. Then the desired non slip surface was achieved by blasting to a depth of around 5mm

Poly-Tech Complete Acid Protection had to achieve a balance between artistic design and practicality for the flooring system.

The concrete protection & restoration specialists
South Australia, Tasmania, Victoria & Northern Territory