

Project Profile

Elizabeth Downs Primary School Roof Replacement



Client	Spotless
Location	Elizabeth Downs, SA
Duration	7 Weeks
Contract	Roof Replacement
Cost	\$500,000

Project Overview

McMahon Services was contracted to undertake works at the Elizabeth Downs Primary School, North of Adelaide.

The project included the replacement of all roof materials on six buildings, totalling 2000m², the removal of asbestos material from eaves, as well as upgrading the storm water system to the school grounds.

The project scope included the following:

- › Remove all asbestos material from eaves – Access was gained by utilising Elevated Work Platforms and Boom lifts. Extensive air monitoring was in place during this removal and demolition;
- › New treated pine LOSP (Light Organic Solvent Preservative) fascia and 6mm CFC (Compressed Cement Sheet) eaves were installed – Access was gained by utilising
- › Elevated Work Platforms and Boom lifts;
- › Existing roof sheets and gutters were removed and replaced with new full length .48 BMT corrugated sheets on top of new Bradford roof insulation blanket with roof risers. Gutters installed were a 175mm quad gutter to allow more water catchment;
- › Flashing's were installed to all roof penetrations and gable end barges to make water tight seal and create a neat uniform edge

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detail;

- › Painting of timber fascia and eaves;
- › New storm water drainage was installed to allow water catchment to flow quicker and more effective;
- › A new roof access ladder with a static line was installed to allow contractors to work on the roof safely without the use of EWP or Boom lifts for access and edge protection.

The project team completed the works outside of school hours, and during the Christmas and school holiday period. This allowed the team to complete the high risk works without disturbing the school schedule, as well as students, teachers and visitors.



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